

**PROPOSAL FOR:  
CHAPEL CREEK 2014 PAVEMENT PLAN :  
HANOVER TOWNSHIP  
TOWN HALL**



**HANOVER TOWNSHIP  
250 South Route 59  
Bartlett, Illinois 60103**

**JUNE 1, 2014**

**BIDS DUE and OPENING: 9:00 AM  
Wednesday, June 18, 2014  
At: Hanover Township Town Hall  
SPACECO, INC Job # 8197**

## CONTRACT BID SCHEDULE

TO: Craig Ochoa  
Highway Commissioner  
Hanover Township  
250 South Route 59  
Bartlett, IL 60103

FROM: SCHROEDER ASPHALT  
SERVICES, INC.  
P.O. BOX 831  
HUNTLEY, IL 60142  
PHONE - 815/923-4380  
FAX - 815/923-4389

Having examined the plans, specifications, instructions to bidders, form of contract, form of bond, and having thoroughly examined the site and the pertinent areas adjacent thereto, acknowledge the same to be accurate and complete insofar as pertinent details are concerned, the undersigned agrees to furnish all labor, materials, tools, equipment, and services, and whatever else is required for the construction of the enumerated items listed below, all in accordance with the plans, specifications, and contract documents prepared by SPACECO, Inc. and entitled:

**Roadway Improvement Plans for Chapel Creek 2014 Pavement Plan  
Hanover Township, Illinois**

In submitting this BID the undersigned declares that the only persons or parties interested in the proposal as principals are those named herein; and that the proposal is made without collusion with any other person, firm, or corporation.

The undersigned declares that he/she understands that where quantities are listed, they are approximate only, subject to increase or decrease: that in such cases he/she will accept in full payment therefor the amount of the summation of the actual quantities, as finally determined, multiplied by the contract unit prices shown on the CONTRACT BID SCHEDULE contained herein.

The undersigned further agrees that if the Owner increases or decreases the improvement or otherwise alters it by extras or deductions, including the elimination of any one or more of the items by an amount not to exceed twenty five percent (25%) of the total money value of the original contract price, he/she will perform the work as altered, increased, or decreased at the contract unit price.

The undersigned further agrees that the Owner may at any time during the progress of the work covered by this BID, order other work or materials incidental thereto and that all such work and materials as do not appear in the BID or contract as a specific item accompanied by a unit price, and which are not included under the bid price for other items in this BID, shall be performed as extra work and he/she will accept as full compensation therefore that actual cost plus fifteen (15%), the actual cost to be determined by the Engineer.

The undersigned further agrees to execute a contract for this work and present it to the Owner within FOURTEEN (14) days after the date of notice of the award of the contract to him.

The undersigned further agrees that he/she will commence work not later than TEN (10) days after the execution and approval of the contract and will diligently prosecute the work in such a manner and with such materials, equipment, and labor, and will insure its completion within the time limit specified herein, it being understood and agreed that completion within the time limit is an essential part of the contract.

The undersigned submits herewith his CONTRACT BID SCHEDULE covering the work to be performed under the contract; he/she understands that he/she must show in the schedule the unit prices for which he/she proposes to perform each item of work; that the extension must be made by him and that if not so done, his BID may be rejected as irregular. All references by the STANDARD SPECIFICATIONS to BASIS OF PAYMENT are hereby deleted. Compensation to the CONTRACTOR shall be made on the basis of the UNIT PRICES and the PAY ITEMS indicated in the CONTRACT BID SCHEDULE and such compensation shall be considered payment in full for all work. Items of work for which there are no pay items shall be considered incidental to the contract.

The Owner reserves the right to reject any or all BIDS or to waive any formality or technicality in any BID in the interest of the Owner. No Bidder may withdraw his BID for a period of thirty (30) days after the date of opening thereof.

ADDENDA: The undersigned hereby acknowledges receipt of the following addenda:

ADDENDUM NUMBER	DATED
<u>    #1    </u>	<u>    6/16/14    </u>
<u>                    </u>	<u>                    </u>
<u>                    </u>	<u>                    </u>

# CHAPEL CREEK 2014 PAVEMENT PLAN

## SCHEDULE OF PRICES

Description	Approximate Quantities	Unit Prices		Total Amount	
		Dollars	Cents	Dollars	Cents
Bituminous Materials (Prime Coat)	1257 Gallons				
Bituminous Concrete Surface Course, 2", N50	12,114 Sq. Yds.				
Full Depth Bituminous Surface Removal	11,976 Sq. Yds.				
Bituminous Concrete Binder Course, 3", N50	10,324 Sq. Yds.				
Bituminous Concrete Binder Course, 4", N50	1,790 Sq. Yds.				
Excavation for Road Widening	140 Sq. Yds.				
10" CA-6 CRUSHED STONE OR GRAVEL	138 Sq. Yds.				
<b>TOTAL COST</b>					

Note: Full Depth Grind Removal (Varies)

Submitted By: BRENT SCHROEDER  
 Name  
VICE PRESIDENT  
 Title  
SCHROEDER ASPHALT SERVICES INC.  
 Company  
6/18/14  
 Date

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(If an Individual)

Signature of Bidder \_\_\_\_\_

Business Address \_\_\_\_\_

Date \_\_\_\_\_

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(If a Co-Partnership)

Firm Name \_\_\_\_\_

Signed By \_\_\_\_\_

Business Address \_\_\_\_\_

Date \_\_\_\_\_

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(If a Corporation)

Corporate Name SCHROEDER ASPHALT SERVICES, INC.

Signed By Karen Schroeder / PRESIDENT

Business Address P.O. Box 831  
HUNTLEY, IL 60142

Date 6/18/14

Corporate Seal \_\_\_\_\_

Insert names  
of Officers

PRESIDENT                      KAREN SCHROEDER

Treasurer                      KAREN SCHROEDER

Attest:                      Maria Kling  
Secretary

## ATTACHED DOCUMENTS

- Plans – Sheets C1 to C8
- Special Provisions
- Prevailing Wages

## GENERAL CONDITIONS

1. The bidder shall submit his/her proposal on the forms furnished by the Township Highway Commissioner, hereinafter also called the "Owner", and the entire book returned. Items to complete and or supply, as a minimum, are all sheets relating to the following or result in a disqualified:
  - Proposal
  - Any and all Addendum, correctly followed and included
  - Bid Bond
  - Certification Letter for obtaining the Performance and Payment Bonds
  - Illinois Department of Transportation's Certificate of Eligibility (Pre-Qualification)
  - Certificate of Liability Insurance, meet or exceed the requirements of Article 107.27 of the Illinois Department of Transportation's Standard Specifications for Road and Bridge Construction and any modification thereof.
  - Additional Required Items, typewritten and on bidder's letterhead
    - Construction Schedule, separating tasks and durations
    - Name(s) of Superintendent and/or Foreman
    - Name(s) and Address(es) of Subcontractor(s)
    - Name(s) and Address(es) of Material Supplier(s)
    - Federal Employer Identification Number (FEIN) of Contractor and all Subcontractor(s)
2. The proposal shall be executed properly and the bidder shall indicate in figures, a unit price for each of the separate items called for in the proposal. It shall show the product of the respective quantities and unit prices in the column provided for that purpose, and the gross sum shown in the place indicated in the proposal shall be the summation of said products. All writing shall be in ink or typewritten, except the signature of the bidder shall be written in ink.
3. The Highway Commissioner reserves the right to reject any or all proposals and to accept any proposal in its entirety or part thereof, if in the judgment of the Highway Commissioner, the best interests of the Township will be promoted thereby.
4. The successful bidder shall not be liable for any delays in manufacturing, shipping, or delivery of materials caused by fire, strikes, lockouts, differences with workmen, accidents, war, insurrection, etc., or any other reason over which the bidder has no control.
5. If the successful bidder fails or refuses to furnish any part or all of the materials of work called for in the contract, the Township Highway Commissioner reserves the right to secure such materials or work in the open market and to charge the difference in cost to the successful bidder.
6. Scope of work includes all proposed improvements shown on the set of plans titled: "**Roadway Improvement Plans for Chapel Creek 2014 Pavement Plan, Hanover Township, Town Hall, Bartlett, Illinois,**" by SPACECO, Inc. dated on or before May 12, 2014. This includes Construction Stakeout, as required, for the contractor to build ALL the proposed improvements according to the set of plans, special provisions, and all addendum items mentioned in this packet.
7. Having examined the paragraph above and having thoroughly examined the site and the pertinent areas adjacent thereto, acknowledge the same to be accurate and complete insofar as pertinent details are concerned, the undersigned agrees to furnish all labor, supervision, materials, tools, equipment, incidentals and services, and whatever else is required for the construction of the enumerated items listed in the above paragraph, ATTACHED DOCUMENTS, and shall include the cost of these items in the unit prices bid for the several units of work.
8. In submitting this BID the undersigned declares that the only persons or parties interested in the proposal as principals are those named herein; and that the proposal is made without collusion with any other person, firm, or corporation.
9. The undersigned declares that he/she understands that where quantities are listed, they are approximate only, subject to increase or decrease: that in such cases he/she will accept in full payment therefore the amount of the summation of the actual quantities, as finally determined, multiplied by the contract unit prices shown on the CONTRACT BID SCHEDULE contained herein.
10. The contractor shall get written authorization from the ENGINEER for installation of extra material than what is shown in the CONTRACT BID SCHEDULE under the column entitled "QUANTITY."

## SPECIFICATIONS

The successful bidder shall meet the requirements of the most current issue of the Illinois Department of Transportation's "Standard Specifications for Road and Bridge Construction", all addenda thereto, and any included special provisions.

## CLEAN AIR ACT OF 1970 AND THE FEDERAL WATER POLLUTION CONTROL ACT PROVISIONS

Contracts and sub-grants of amounts in excess of \$100,000.00 shall contain a provision, which requires the recipient to agree to comply with all applicable standards, orders, or regulations issued pursuant to the Clean Air Act of 1970 (42 U.S.C. 1057 et seq.) and the Federal Water Pollution Control Act (33 U.S.C. 1251 et seq.) as amended. Violations shall be reported to the grantor agency and the Regional Office of the Environmental Protection Agency.

## CONTROL OF MATERIALS

All materials used in the contract shall meet the requirements of the Illinois Department of Transportation's "Standard Specifications for Road and Bridge Construction" and all addenda thereto.

If any material is rejected for failure to meet the requirements of the Illinois Department of Transportation's "Standard Specifications for Road and Bridge Construction" and all addenda thereto, and a retest is requested, the successful bidder shall pay the cost of the demurrage, if any, resulting from delay caused by such retest.

## BOND

The successful bidder, within fifteen (15) calendar days from the date contract is awarded, shall deposit with the Township Supervisor a bond for the full amount of the contract. This bond shall be a surety bond, acceptable to the Township Supervisor and shall be conditioned upon the faithful performance of the bidder's contract. This will be incidental to the contract.

## PROPOSAL AGREEMENTS

In accordance with the advertisement, conditions and specifications attached hereto and which are a part hereof, the undersigned proposes to furnish all supervision, labor, materials, and equipment and to perform all work named and described in the proposal, for the sum of the products obtained by multiplying each of the estimated quantities tabulated in the Schedule of Prices, by the respective unit prices submitted. It is understood and agreed that the Highway Commissioner reserves the right:

To cancel the entire contract or any part thereof, if conditions, over which the Highway Commissioner has no control, force the halting of the work by the Highway Commissioner.

## DEFINITIONS

Additional to the latest edition of the Illinois Department of Transportation's Standard Specifications for Road and Bridge Construction and any revisions.

1. (Project) Completion – All work items, all punch list items, and all paperwork completed to the satisfaction of the Engineer and the Highway Department.
2. Substantial Completion – All work items completed to open the project safely to the public without permanent closures, including final pavement markings and landscaping.
3. Permanent Closures – Any closures and/or work zone traffic control that are more than daytime only, i.e. roadway and drainage improvements related to grading, lane drop-offs, open cuts for pavement and/or drainage, sidewalks, and driveways.
4. Paperwork – Certified payrolls, waivers of lien, change order requests, signed change orders, monthly invoices and final invoice matching any and all change orders, and any other information requested in the bidding documents or by the Engineer.

## PAYMENT

Every thirty (30) calendar days the contractor shall submit a pay estimate to the Engineer and Highway Commissioner for the materials in place and completed for the amount of work performed and the value thereof at the contract unit prices. The Highway Commissioner will create an invoice within fifteen (15) calendar days and will be forwarded to the Township for payment.

The successful bidder agrees to replace any or all bid items which have been paid for under the contract and which have been rejected for failure to meet the specifications at his/her own cost.

## PREVAILING WAGE

All wages paid by the Contractor and Subcontractors shall be in compliance with "An Act regulating wages of Laborers, mechanics and other workmen employed in any public works by the State, County, City, public body, political Subdivision or by anyone under contract for public works" and which does not violate a Federal Law, order, or ruling, the rate conforming to the Federal law, order, or ruling shall govern.

## ASSURANCES

The signatory and any and all subcontractor(s) to this proposal understand and agree that, by submitting a proposal and by the signature(s) in said proposal for work with Hanover Township, have been complying with and will continue to comply with all Federal, State, County, and local laws, ordinances, rules, and regulations that which may in any manner affect the performance of a project awarded to it. Said laws, ordinances, rules, and regulations shall include, but not limited to, those in relation to employment; discrimination; labor; contracting; flood hazard and environmental laws and regulations; the Illinois Drug Free Workplace Act and the Federal Drug Free Workplace Act; and lead-based paint regulations. In addition, the signatory and any and all subcontractor(s) specifically state and assure that:

- A. There is legal authority to submit the proposal and to execute a contract with Hanover Township.
- B. The signatory and any and all subcontractor(s) are authorized and consent on behalf of Hanover Township, the Engineer, and himself/herself to accept the jurisdiction of the Federal courts for the purpose of enforcement of the requirements of such Act and regulations.
- C. The signatory and any and all subcontractor(s) certifies, to the best of their knowledge and belief, that:
  1. No Federal appropriated funds have been paid or will be paid, by or on behalf of the signatory and any and all subcontractor(s), to any person for influencing or attempting to influence an officer or employee of any agency; Member of Congress; an officer or employee of Congress; or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.
  2. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency; Member of Congress; an officer or employee of Congress; or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the signatory and any and all subcontractor(s) shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying", in accordance with its instructions.
  3. The signatory shall require that the language of this certification is included in the award documents for all sub-awards with any and all subcontractor(s) at all tiers (including subcontracts, sub-grants, and contracts under grants, loans, and cooperative agreements) and that all sub-receipts shall certify and disclosed accordingly.

This certification is a material representation of fact upon which reliance was placed when this proposal was made and the contract entered into in accordance with the requirements set forth in this proposal and the contract. Acceptance of

## **SPECIAL PROVISIONS**

The following Special Provisions supplement the latest edition of Illinois Department of Transportation's Standard Specifications for Road and Bridge Construction (SSRB), the latest edition of Illinois Department of Transportation's Supplemental Specifications and Recurring Special Provisions, and the latest edition of Errata to Illinois Department of Transportation's Standard Specifications for Road and Bridge Construction, and in case of conflict with any part or parts of said Standard Specifications, these Special Provisions shall take precedence and shall govern.

### **ADJUSTMENT, RECONSTRUCTION, AND CONSTRUCTION OF STRUCTURES**

Description. This work shall be in accordance with the applicable articles of Section 602 in the Illinois Department of Transportation's Standard Specifications for Road and Bridge Construction and the details shown in the plans, except for the following:

- Only precast concrete units will be allowed for adjustment(s).
- Mortar shall be limited to a maximum of one-half inch (1/2") depth between each precast concrete units.
- Precast concrete units shall utilize one unit per location per adjustment without written agreement from the Engineer.
- Rims and/or grates will not be mortared to the precast concrete units or structure.
- Rims and/or grates will be free of mortar, concrete, bituminous materials, soil, and/or seeding/sodding.
- Cleaning will be done by only vacuuming, including any and all foreign material, tack, and water, and in the presence of the Engineer. Additional cleaning may be done by hand as directed by the Engineer.
- All open lid structures within the construction limits will be cleaned or as directed by the Engineer.
- Credit(s) will be given for reducing the depth of frame(s) due to utilities and/or clearances.

Basis of Payment. No additional compensation will be allowed for the above items. This work shall be included with the various items being adjusted, reconstructed, and/or constructed and all related costs shall be incurred by the Contractor. Deductions shall be applied for not supplying all material supply tickets and/or all testing reports. Additional deductions shall be applied if test results are inadequate or material not installed according to the various articles of the IDOT Specifications.

### **HOT MIX ASPHALT**

Description. This work shall consist of constructing one or more hot mix asphalt binder courses and a hot mix asphalt surface course on a prepared base as specified in the applicable articles of Section 406 in the Illinois Department of Transportation's Standard Specifications for Road and Bridge Construction.

All structures shall be covered prior to applying each application of Bituminous Materials (Prime Coat) and uncovered at the end of each day and/or the end of surfacing. No additional compensation will be allowed.

Method of Measurement. The work shall be measured in accordance with Article 407.12.

Basis of Payment. The work shall be paid for in accordance with Article 406.24, except any reference to ton shall be replaced with square yard.

### CONSTRUCTION STAKING

Description. This work shall be in accordance with the applicable portions of Illinois Department of Transportation's Recurring Special Provision (Check Sheet #10) entitled "Construction Layout Stakes Except for Bridges", except for the following:

- A. Under 'Responsibility of the Department', delete item (a).
- B. Under 'Responsibility of the Department', items (b) and (i) shall be moved to 'Responsibility of the Contractor', as the shown centerline is the center of the right-of-way.
- C. Under 'Responsibility of the Contractor', delete item (b).

### EQUAL EMPLOYMENT OPPORTUNITY

Description. This work shall be in accordance with the applicable portions of Illinois Department of Transportation's Recurring Special Provision (Check Sheet #3) entitled "Equal Employment Opportunity", except for the following:

- A. Under "Notice of Requirement for Affirmative Action To Ensure Equal Employment Opportunity (Executive Order 11246)", item 3, sentence 1, replace 'Illinois Department of Transportation' with 'Contractor'.
- B. Insert the following special provision entitled "Equal Opportunity Clauses" after "Notice of Requirement for Affirmative Action To Ensure Equal Employment Opportunity (Executive Order 11246)", item 4.

### EQUAL OPPORTUNITY CLAUSES

41 CFR, 60-1.4 (a)

Government contracts. Except as otherwise provided, each contracting agency shall include the following equal opportunity clause contained in section 202 of the order in each of its Government contracts (and modifications thereof if not included in the original contract):

During the performance of this contract, the contractor agrees as follows:

- (1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer, recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause.
- (2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.
- (3) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided by the agency contracting officer, advising the labor union or workers' representative of the contractor's

commitments under section 202 of Executive Order 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

- (4) The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- (5) The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- (6) In the event of the contractor's non-compliance with the nondiscrimination clauses of this contract or with any of such rules, regulations, or orders, this contract may be canceled, terminated or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- (7) The contractor will include the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as may be directed by the Secretary of Labor as a means of enforcing such provisions including sanctions for noncompliance: Provided, however, that in the event the contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

41 CFR, 60-1.4 (b)

Federally assisted construction contracts. (1) Except as otherwise provided, each administering agency shall require the inclusion of the following language as a condition of any grant, contract, loan, insurance, or guarantee involving federally assisted construction which is not exempt from the requirements of the equal opportunity clause:

The applicant hereby agrees that it will incorporate or cause to be incorporated into any contract for construction work, or modification thereof, as defined in the regulations of the Secretary of Labor at 41 CFR Chapter 60, which is paid for in whole or in part with funds obtained from the Federal Government or borrowed on the credit of the Federal Government pursuant to a grant, contract, loan insurance, or guarantee, or undertaken pursuant to any Federal program involving such grant, contract, loan, insurance, or guarantee, the following equal opportunity clause:

During the performance of this contract, the contractor agrees as follows:

- (1) The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

- (2) The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive considerations for employment without regard to race, color, religion, sex, or national origin.
- (3) The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- (4) The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- (5) The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- (6) In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- (7) The contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance: Provided, however, That in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency the contractor may request the United States to enter into such litigation to protect the interests of the United States.

The applicant further agrees that it will be bound by the above equal opportunity clause with respect to its own employment practices when it participates in federally assisted construction work: Provided, That if the applicant so participating is a State or local government, the above equal opportunity clause is not applicable to any agency, instrumentality or subdivision of such government which does not participate in work on or under the contract.

The applicant agrees that it will assist and cooperate actively with the administering agency and the Secretary of Labor in obtaining the compliance of contractors and subcontractors with the equal opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor, that it will furnish the administering agency and the Secretary of Labor such information as they may require for the supervision of such compliance, and that it will otherwise assist the administering agency in the discharge of the agency's primary responsibility for securing compliance.

The applicant further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a contractor debarred from, or who has not demonstrated eligibility for, Government contracts and federally assisted construction contracts pursuant to the Executive order and will carry out such sanctions and penalties for violation of the equal opportunity clause as may be imposed upon contractors and subcontractors by the administering agency

or the Secretary of Labor pursuant to Part II, Subpart D of the Executive order. In addition, the applicant agrees that if it fails or refuses to comply with these undertakings, the administering agency may take any or all of the following actions: Cancel, terminate, or suspend in whole or in part this grant (contract, loan, insurance, guarantee); refrain from extending any further assistance to the applicant under the program with respect to which the failure or refund occurred until satisfactory assurance of future compliance has been received from such applicant; and refer the case to the Department of Justice for appropriate legal proceedings.

- (c) Subcontracts. Each nonexempt prime contractor or subcontractor shall include the equal opportunity clause in each of its nonexempt subcontracts.
- (d) Incorporation by reference. The equal opportunity clause may be incorporated by reference in all Government contracts and subcontracts, including Government bills of lading, transportation requests, contracts for deposit of Government funds, and contracts for issuing and paying U.S. savings bonds and notes, and such other contracts and subcontracts as the Deputy Assistant Secretary may designate.
- (e) Incorporation by operation of the order. By operation of the order, the equal opportunity clause shall be considered to be a part of every contract and subcontract required by the order and the regulations in this part to include such a clause whether or not it is physically incorporated in such contracts and whether or not the contract between the agency and the contractor is written.
- (f) Adaptation of language. Such necessary changes in language may be made in the equal opportunity clause as shall be appropriate to identify properly the parties and their undertakings.

In addition to the clauses described above, all Federal contracting officers, all applicants and all nonconstruction contractors, as applicable, shall include the specifications set forth in this section in all Federal and federally assisted construction contracts in excess of \$10,000 to be performed in geographical areas designated by the Director pursuant to 60-4.6 of this part and in construction subcontracts in excess of \$10,000 necessary in whole or in part to the performance of nonconstruction Federal contracts and subcontracts covered under the Executive order.

#### **MATERIAL TESTING**

Description. This work shall consist of an independent testing company performing material testing on all materials as required by IDOT to meet the requirements specified in the various articles of the IDOT Specifications or as directed by the Engineer. The Contractor shall coordinate all testing. The Contractor shall submit (not faxed) his/her testing firm and a detailed construction item table indicating testing frequency and requirements, material source/supplier, documentation of IDOT certified source, and method of delivery prior to start of construction.

All original material supply tickets will be supplied to the Engineer in a timely fashion, i.e. at end of each day. All testing reports will be directly submitted (not faxed) to the Engineer and to the Highway Commissioner of Norwood Park Township in a timely fashion.

Basis of Payment. This work shall be included with the various items being tested and all related costs shall be incurred by the Contractor. Deductions shall be applied for not supplying testing firm, detailed construction item table, all material supply tickets and/or all testing reports. Additional deductions shall be applied if test results are inadequate or material not installed according to the various articles of the IDOT Specifications.

#### **OMITTED/CONTRACTOR REVISED ITEMS**

Any item(s) of work that have been omitted on the Contract Bid Schedule and are shown on the plans shall be considered included with other items of work, unless modified by addendum. No additional compensation shall be allowed, unless the quantity is increased by the Engineer in writing prior to starting the work.

Any item(s) of work that have been revised by the Contractor, either with or without direction from the Engineer, shall be adjusted according to the following:

- Addendum – quantity changed during bidding per below adjustments.
- Decrease Plan Quantity – pay quantity shall be reduced accordingly.
- Increased Plan Quantity – pay quantity shall be per plan.
- Additional Quantity – the Contractor shall submit all changes in writing in a detailed and broken out format to the Engineer with sufficient time to review and approve prior to any work started, at least two (2) working days.
  - Plan Items – adjusted per above.
  - Extra Work – approximate work effort/items and cost shall be submitted according to Article 109.04, except that lump sum cost will not be allowed. Additional paperwork will be submitted after the work is completed for the actual work effort/items and cost within five working days of completion.
- No additional compensation shall be allowed, unless the quantity is modified by the Engineer in writing.
- No additional compensation shall be allowed to repair existing items within the project limits if functional prior to start of work, unless caused by a third party not associated with the project.

The Contractor shall submit all requests a minimum of two (2) working days or 48 hours, whichever is greater, before the start of work to the Engineer for review and written authorization if acceptable. If faxed, the Contractor shall place a call to verify receipt and legibility of fax. If the Contractor performs work without written authorization from the Engineer or does not supply the required documentation, no additional compensation shall be allowed.

#### **SITE EXCAVATION AND GRADING**

Description. This work shall consist of performing the following main items as specified in the applicable articles of Sections 201, 202, 205, and 280 in the Illinois Department of Transportation's Standard Specifications for Road and Bridge Construction:

- A. Clearing.
- B. Protection of existing plant material.
- C. Removal of sod.
- D. Removal of topsoil.
- E. Stockpiling of topsoil.
- F. Stockpiling of suitable material.
- G. Excavation for roadway construction, including pavement and subgrade.
- H. Tree root pruning, as directed by the Engineer.
- I. Mulch, fertilizer, and supplemental watering, as directed by the SSRB or the Engineer (trees).
- J. Embankment for roadway construction, excluding topsoil.
- K. Temporary Erosion Control, as directed by the SSRB or the Engineer
- L. Cleanup, including the roadway while on site throughout the day or as directed by the Engineer

Method of Measurement. Site Excavation and Grading shall not be measured for payment for area(s) excavated and graded. These areas will be limited to areas within the right-of-way, limits of construction, or as designated by the Engineer. Areas necessary for access outside the work zone shall be considered incidental to the contract. Other areas disturbed by the Contractor due to neglect shall also be considered incidental to the contract.

Basis of Payment. This work shall be paid for at the contract unit price per lump sum for SITE EXCAVATION AND GRADING and shall include full compensation for labor, materials, and equipment necessary to perform the above items. Hauling and disposal of excess material, mobilization, demobilization, and cleanup are also included in this item. No additional compensation will be allowed

should the Contractor elect to haul and dispose of any or all required suitable material and/or topsoil.

**SITE RESTORATION**

Description. This work shall include all labor, materials and equipment necessary to restore of the work zone to the existing condition or better as specified in the applicable articles of Sections 201, 202, 204, 205, 210, 211, 212, 214, and 250-254 in the Illinois Department of Transportation's Standard Specifications for Road and Bridge Construction. Main tasks that are included in this item are as follows:

- A. Additional clearing and/or sod removal to provide positive drainage.
- B. Replacement and/or addition of suitable material.
- C. Replacement and/or addition of topsoil.
- D. Finish grading.
- E. Preparation of planting soil.
- F. Placement of seed mixture with excelsior blanket or sod.
- G. Mulch, fertilizer, and supplemental watering, as directed by the SSRB or the Engineer (seed and sod).
- H. Repair bare soil locations near the work zone or as directed by the Engineer
- I. Cleanup, including the roadway while on site throughout the day or as directed by the Engineer

**DEFINITIONS**

- A. Plants: Living trees, shrubs, ground cover, grasses, flowers, and bulbs specified in this Section, and described in ANSI Z60.1.
- B. Weeds: Includes Dandelion, Quack Grass, Morning Glory, Mustard, Chickweed, Crabgrass, Canadian Thistle, and otherwise plants not specified for this project.
- C. Salvaged Topsoil: Surface soil previously excavated from the site and stockpiled elsewhere on the site, for reuse.
- D. Topsoil: Imported or salvaged surface soil composed of a mixture consisting of humus, clay and sand, rich in nutrients and capable of supporting plant growth. Topsoil shall be free of debris, roots, clods, and rocks greater than 3/4-inch, with a pH range of 5.5 to 7.5. Pulverized to meet the size requirements.
- E. Black Dirt: A form of surface soil, black in color, extremely rich in humus and nutrients capable of supporting germination and plant growth. Black dirt shall be free of debris, roots, clods, and rocks greater than 1/2-inch, with a pH range of 5.5 to 6.5, conforming to ASTM D2487, group symbol OH. Pulverized to meet the size requirements.
- F. Subsoil: Imported or salvaged subsoil previously excavated from the site, containing no more than 5% topsoil. Subsoil shall be free of debris, roots, clods, and rocks greater than 3-inch.
- G. Sand: Imported gravel pit or crushed product free of silt, clay and loam or soluble materials, graded in accordance with ASTM C136, within the following limits:

<u>Sieve Size</u>	<u>Percent Passing</u>
No.4	100
No.14	10 -100
No.50	5 -90
No.100	4 -30
No.200	0

- H. Pea Gravel: Imported gravel pit or crushed stone product, free of silty, clay, loam or soluble materials and fines, graded in accordance with ASTM C136, within the following limits: 1/4-inch minimum to 5/8-inch maximum.

**QUALITY ASSURANCE**

- A. The Sod Producer shall be located within 100 miles of Project and shall have specialized in sod production and harvesting with a minimum five years' experience, and certified by the State of Illinois.
- B. Documentation of the above will be supplied to the Engineer prior to starting construction.

#### REGULATORY REQUIREMENTS

- A. Comply with regulatory agencies for fertilizer application.
- B. Comply with planting times and requirements as identified in the SSRB.

#### DELIVERY, HANDLING, AND STORAGE

- A. Deliver products to site under provisions identified in the SSRB.
- B. Store and protect products under provisions identified in the SSRB.
- C. Deliver sod in rolls and protect exposed roots from dehydration. Do not deliver more sod than can be laid within 32 hours after stripping.
- D. Deliver fertilizer in waterproof bags showing weight, chemical analysis, and name of manufacturer.

#### CLEANUP

- A. Organize delivery, handling, and storage of materials and equipment to facilitate ease of construction sequencing and daily cleanup.
- B. During landscape work, keep pavements clean and open to traffic, construction vehicles, and persons employed by the project. Moisten or stabilize topsoil to prevent water and wind erosion.
- C. Protect landscape work and materials from damage due to landscape operations, operations by other contractors and/or trades, and trespassers. Maintain protection during installation and warranty periods. Treat, repair, or replace damaged landscape work as directed.
- D. The landscape Contractor shall ensure uninterrupted normal business operations at site during planting operations, and maintain a clean, orderly, and safe work area during all stages of construction.
- E. At the end of each day, the spoil of all materials and packaging generated by operations of this Contractor, shall be properly removed from the site.

#### WARRANTY

- A. Provide a warranty on work of this Section for a minimum of one year. Warranty shall commence on date of Final Payment shall include one continuous growing season.
- B. Warranty shall include coverage of lawn areas from death, or unhealthy conditions. During this period, ensure all lawn areas remain in a healthy, vigorous condition, whereas any unsightly lawn shall be renewed, treated or replaced in a timely manner.
- C. At the end of warranty period, an inspection shall be made jointly by Owner and Contractor. All lawn areas not in healthy growing condition shall be renewed, treated or replaced.
- D. All replacement stock shall be subject to same warranty requirements as original stock. Any damage to adjacent site features due to replacement operations shall be repaired.

#### MATERIALS

##### 1. Plant Materials

- A. Grass Seed: Provide fresh, clean, new-crop seed complying with tolerance for priority and germination established by Official Seed Analysis of North America. Provide seed mixture IDOT, Class IA –Salt Tolerant Lawn Mixture.
- B. Sod: ASPA approved field-grown grade; cultivated grass sod, type as indicated below; with strong fibrous root system, free of burned or bare spots, undesirable native grasses, and containing no more than five weeds per 1,000 square feet and shall match IDOT's Sodding, Salt Tolerant; shall match the above seeding mixture; or shall be composed of following percentages of plants:

Forty percent (40%) Bluegrasses.  
Forty percent (40%) Fescue Grasses.

Twenty percent (20%) Rye Grasses.

The sod shall be minimum age of 18 months, with root development that will support its own weight, without tearing, when suspended vertically by holding the upper two corners.

Submit sod certification for grass species and mixture amounts and location of sod source to Engineer, prior to procurement.

Machine-cut sod shall be rolled in accordance with ASPA guidelines, in running bond pattern.

Cut sod in area not exceeding one square yard with a uniform minimum 1-inch topsoil base.

IDOT's Sodding, Salt Tolerant is preferred and others shall only be allowed with written authorization from the Engineer prior to the start of construction.

2. Soil Materials

- A. Provide products to site under provisions identified in the SSRB, except roots, sticks, weeds, brush, vegetation, rocks, stones, clods, or other debris, litter, and waste products shall be limited to ½ inch diameter.
- B. Pulverized topsoil shall be utilized.
- C. Chemical or organic amendments to topsoil at the site in order to achieve satisfactory planting results shall be as follows:
  - a. Lime: Natural dolomitic limestone containing not less than 85 percent of total carbonates with a minimum of 30 percent magnesium carbonates, ground so that not less than 90 percent passes a 10-mesh sieve and not less than 50 percent passes a 100-mesh sieve.
  - b. Fertilizer: FS O-F-241, Type II, Grade A; with 50 percent of elements derived from organic sources, of proportion necessary to eliminate inherent deficiencies of topsoil being not less than 10 percent total nitrogen, 10 percent available phosphoric acid, and 5 percent soluble potassium.
  - c. Water: Clean, fresh, and free of substances or matter which could inhibit vigorous growth of plants.

3. Accessories

- A. Mulching material shall be straw of wheat, rye, oats or other approved material and shall be worked into the topsoil at seeded areas by discing.

CONSTRUCTION REQUIREMENTS

1. Examination

- A. Contractor shall not bury existing sod under the Site Restoration areas.
- B. Contractor shall verify that a prepared subsoil base is ready to receive the topsoil and other work of this Section.
- C. Saturate soil with water to test drainage.
- D. Report conditions detrimental to plant growth or implementation to Engineer prior to planting.
- E. Beginning of installation means acceptance of existing site conditions.

2. Protection

- A. Hand excavate as required.
- B. Secure, encircle, or otherwise protect Work from intrusion by trespassers, equipment, or others employed at site.

3. Placing Topsoil

- A. Spread topsoil to a minimum depth of 4 inches over the area to be sodded or seeded.
- B. Place topsoil during dry weather and on dry unfrozen subgrade.
- C. Remove vegetable matter and foreign non-organic material while spreading.

- D. Grade to eliminate rough, low, or soft areas, and to ensure positive drainage.
  - E. The entire area shall be rolled with an approved yard roller to reduce air voids and still allow root growth. After compaction, the topsoil shall not be lower than ½ inch below existing features and still ensuring positive drainage. Additional topsoil, grading, and rolling will be required if the above is not meet.
  - F. In accordance with applicable articles in the SSRB.
4. Seeding
- A. Unless mulch material required is applied during seeding operation or within one-half hour following seeding operation, temporary and satisfactory measures to protect seed from sunlight and heat shall be taken, such as use of a light brush drag over seeded areas to embed seed into soil.
  - B. Moisten prepared topsoil surface immediately prior to seeding.
  - C. Prepare grass seed mixture accurately and indoors at rates in accordance with the Class of seed specified.
  - D. Seed in a manner as to deposit 2.3 pounds of grass seed blend per each 1,000 square feet for the mixture specified in the Special Provisions.
  - E. Within 24 hours of seed placement, work mulch into seed and soil by discing.
  - F. Cover entire topsoil area with excelsior blanket.
  - G. Application and materials in accordance with applicable articles in the SSRB.
5. Sodding
- A. Moisten prepared topsoil surface immediately prior to laying of sod.
  - B. Lay sod immediately upon delivery to site to prevent deterioration.
  - C. The Contractor shall immediately remove from site dried, torn, dormant, coarse bladed, or otherwise objectionable sod rolls.
  - D. Extra care must be undertaken when sodding operations are required beyond the recommended schedule of implementation. Under no circumstances shall sod be laid on frozen ground.
  - E. Lay sod to form a solid mass with tightly fitted joints. Compress butt ends and sides of sod strips to reduce shrinkage. Stagger strips to offset joints in adjacent courses and tamp lightly to ensure contact with subgrade.
  - F. Where sodding operations are scheduled throughout areas whose gradient exceeds 1 vertical foot for each 4 horizontal feet, Contractor shall anchor sod strips with 10-inch staples to prevent slippage.
  - G. Water sod thoroughly with a fine spray immediately after planting, to saturate existing soils to a depth of 4 inches throughout.
  - H. Within 10 days after placing of sod, the Contractor shall return to site to work topsoil into minor cracks between sod strips where shrinkage has occurred and reroll as directed by the Engineer.
  - I. Rates and application in accordance with applicable articles in the SSRB.
6. Lime
- A. Utilize for pH correction or as directed by the Engineer.
  - B. Rates and application in accordance with applicable articles in the SSRB.
7. Fertilizing
- A. In order to fully satisfy requirements of seed and sod planting operations, provide fertilizer of neutral character, with some elements derived from organic sources and containing a percentage of nitrogen, phosphorous, and potassium in a form that will be available to plants during initial period of growth as provided in the SSRB.
  - B. Fertilize lawns as required to maintain healthy, vigorous turf. Minimum two (2) applications. One application shall be applied soon after time of planting and other at the end of 60-days.
  - C. Lightly water to aid the dissipation of fertilizer.
  - D. Rates and application in accordance with applicable articles in the SSRB.

8. Supplemental Watering
  - A. Additional watering will be in accordance with the related IDOT Articles for seeding and sodding as provided in the SSRB.
  
9. Inspection And Approvals
  - A. Following items require prior authorization; submit to Engineer for approval:
    - a. Proposed seed blend.
    - b. Proposed and available grass blend of sod and source.
  - B. Final acceptance shall include fertilization required to establish vigorous, healthy plantscape as set forth by standard landscape practices and contract documents.

Method of Measurement. Site Restoration shall not be measured for payment for area(s) restored. These areas will be limited to areas within the right-of-way, limits of construction, as designated by the Engineer, or as noted. Areas necessary for access outside the work zone shall be restored to the satisfaction of the Engineer these areas are considered incidental to the contract. Other areas disturbed by the Contractor due to neglect shall also be considered incidental to the contract.

Basis of Payment. This work shall be paid for at the contract unit price per lump sum for SITE RESTORATION shall include full compensation for labor, materials, and equipment necessary to perform all of the above items. Hauling and disposal of excess material, mobilization, demobilization, and cleanup are also included in this item. No additional compensation will be allowed should the Contractor elect to haul and dispose of any or all required suitable material and/or topsoil during excavation and/or addition of any suitable material and/or topsoil to the site. No additional compensation nor additional time shall be allowed if the Contractor does not supply the required documentation as noted or unable to complete the work due to material supply delays.

#### **TRAFFIC CONTROL AND PROTECTION (SPECIAL)**

Description: This work shall consist of furnishing all labor, material and equipment necessary to obtain permits and provide Traffic Control and Protection as specified in Section 701 in the Illinois Department of Transportation's Standard Specifications for Road and Bridge Construction.

Method of Measurement: Traffic control shall be measured as a lump sum for each section. Price for traffic control shall include full compensation for labor, materials and equipment to ensure safe passage of motor vehicles and pedestrians through the work zone in accordance with approved traffic control plans/standards, consisting of furnishing, installing, relocating, maintaining and removing signs; arrow boards, barricades, barricade lights, reflectors, flaggers, cones, removal of conflicting striping, temporary striping, temporary fencing, temporary pavement patching, metal plates, aggregate for temporary access to abutting properties, mobilization, demobilization, cleanup and all work incidental for traffic control and protection. At no time shall the roadway(s) be completely closed to traffic without written authorization from the Engineer and to the Highway Commissioner of Maine Township.

Basis of Payment: The work will be paid for at the contract unit price LUMP SUM as TRAFFIC CONTROL AND PROTECTION (SPECIAL).

#### **TREE PRUNING, UNDERSTORY REMOVAL, AND HERBICIDE**

Description. The work shall include trimming and removal of trees and large shrubs within the boundaries of work for the project.

This work also includes the description of the appropriate care and protection of existing material to be retained and provisions for replacement of any damaged material.

The removal of herbaceous understory is also included within this work.

Performance requirements shall meet specific Reference Standards as described to hereinafter under individual items, according to the following:

ANSI: American National Standards Institute  
NAA: National Arborists Association

Certification: Submit written certification by qualified arborist that trees indicated to remain have been protected during the course of construction in accordance with recognized standards and that where damage did occur, trees were promptly and properly treated. Indicate which damaged trees (if any) are incapable of retaining full growth potential and are recommended to be replaced.

Since herbicide is required on all invasive understory species being removed, it will be required that a licensed Illinois pesticide applicator with credentials in the aquatics category be retained for the completion of all work.

Arborist Qualifications: Engage a qualified arborist who has successfully completed tree removal and trimming, to perform the removal of invasive understory plants as directed by the Owners Representative. Additionally they are responsible to recommend procedures to compensate for loss of roots and perform initial pruning of branches and stimulation of root growth where removed to accommodate new construction; recommend procedures for excavation and grading work juxtaposed to established plants; perform tree repair work for damage incurred by new construction.

Arborist shall be a member of National Arborist Association or American Society of Consulting Arborists.

Suggested list of local arborists:

1. Hendricksen the Care of Trees, Inc.  
9201 West Higgins Road  
Chicago, Illinois  
(847) 698-6599
2. Nels Johnson Tree Experts, Inc.  
Hinsdale, Illinois  
(630) 654-1877
3. McGinty Brothers  
3744 RFD Cuba Road  
Long Grove, Illinois  
(847) 438-5161

Protect root systems: Do not store equipment, debris, or excavated material within drip line of trees to remain. Confine heavy equipment to paved paths or as needed to extract material identified as to be removed. All equipment to be used should be low ground pressure rubber tracked equipment.

It is further recommended that bidders visit the project site, as conditions are variable across the length of the project limits.

Materials. For woody materials:

"Garlon 4" herbicide as manufactured by DowElanco  
Dow AgroSciences  
P.O. Box 681428  
9330 Zionsville Road  
Indianapolis, Indiana 45288

For herbaceous material:

“Roundup Pro” herbicide as manufactured by DowElanco  
Dow AgroSciences  
P.O. Box 681428  
9330 Zionsville Road  
Indianapolis, Indiana 45288

Construction Requirements. Protect tree root systems from damage by heavy machinery. Begin tree removal and trimming as directed on material marked for removal only.

Confine removals and trimming to work zones in sequence as described in the General conditions and the plans so as not to remove all material at one time. Remove branches from trees that are to remain, if required to allow room for light penetration to the banks and planting areas. Where directed by Owners Representative and verified by Arborist, extend pruning operation improve health of entire tree. Cut branches and roots, if required, with sharp, clean pruning instruments; do not break or chop.

A Certified Arborist using clean state of the art equipment shall supervise all pruning and cutting of branches and roots. All equipment used for the trimming and extraction of the vegetation shall be limited to hand-held power tools and low ground pressure rubber tracked vehicles.

Tree trimming shall be limited to Class III – Hazard Pruning in work areas only as specified by the National Arborists Association Pruning Standards for Shade Trees. Hazard pruning shall consist of the removal of diseased, decayed, and obviously weak branches six inches in diameter or greater. Approval of the selected removals prior to the commencement of work is required.

All invasive woody understory and invasive herbaceous material shall be removed entirely from the areas indicated on the drawings to receive woodland planting, shrub planting and meadow seeding unless otherwise marked or directed by the Owners Representative. Material within the typical section shall be ground out if beyond the top of bank. If it exists on the slope between the toe and the top of bank it shall be herbicided only, as described herein.

Invasive woody understory plants indicated in the field shall be removed. Invasive woody plant species to be removed include but may not be limited to:

Buckthorn (*Rhamnus frangula*) less than 6” caliper  
Mulberry (*Morus alba*) less than 6” caliper  
Tree of Heaven (*Ailanthus altissima*) less than 6” caliper  
White Poplar (*Populus alba*) less than 6” caliper  
Box Elder (*Acer negundo*) less than 6” caliper

Cut woody plant species so as to leave a clean cut no more than two (2) inches above grade. Immediately after cutting apply “Garlon 4” herbicide or approved equal to the cut surface as recommended by the manufacturer. Avoid overspray or application of the product to any other surface. Let product stand a minimum of 24 hours before removing stump.

Where application of herbicides is required it must be coordinated with appropriate application standards as described in product documentation. If an alternate product is required due to proximity of application to water bodies, submit alternate product information for approval at least two weeks prior to the start of work. Notification to the Landscape Architect and Project Manager of any herbicide application must be made at least 24 hours prior to applications.

Remove and chip all fallen trees and limbs on the site as marked in field or as directed by the Owners Representative. Use a mechanical chipper to chip all remains from trimming and tree / shrub removal at the discretion of Maine Township Representative or the Landscape architect. Remove and dispose of larger non-chippable wood debris off site or as directed by the Owner Representative.

Collect all chips and remove them from the site. The Contractor is responsible for the removal of all material from the site at the completion of construction or when requested by the client.

Repair trees damaged by construction operations. Make repairs promptly after damage occurs to prevent progressive deterioration of damaged trees. Notification must be made to the Landscape Architect and Des Plaines Representative within 24 hours of any such damage.

Any mortal damage to existing trees will result in a fine for the value of the existing tree plus additional costs for securing an equivalent tree of identical size and character or replacement to cumulative size of the existing tree.

Burning on Owner's property of removed trees and branches is not permitted on site unless requested and approved prior to bidding.

Method of Measurement. Tree Removal: This work shall be measured for payment by the amount of tree trimming and removal and the quantity computed in CALIPER INCHES where one unit is equal to 25 mm (1 in.). The diameter will be measured at a point 1.3 m (4.5 ft) above the highest ground level at the base of the tree and will be determined by dividing the measured circumference of the tree by 3.1416. Stumps will be measured at the elevation of cut off. A multiple stem tree's branches having a diameter of 150 mm (6 in.) or more at a point 1.3 m (4.5 ft) above the highest ground level at the base of the tree will be measured for payment as individual trees. The accumulated total number of units will be the pay quantity.

Protection of Existing Plant Material: Temporary Fencing. Temporary fencing will be measured for payment in meters (feet) in place.

Pruning for Safety and Equipment Clearance. Pruning for safety and equipment clearance will not be measured for payment.

Care of Existing Plant Material: Tree Pruning. Tree root pruning will be measured for payment Tree Trimming, Removal and Protection as each per tree. Roots or limbs pruned on trees with one to three stems with one stem having a diameter equal to or greater than 150 mm (6 in.) will be measured as individual items. All pruning, including top pruning necessary to maintain the vigor of the tree, shall be completed prior to measurement for payment.

Trimming of roots exposed during excavation will not be measured for payment.

Tree Pruning. Tree pruning for trees and saplings 25 to 250 mm (1 to 10 in.) in diameter will be measured for payment as each per tree. Measurement of trunk diameters will be according to Tree Removal requirements.

Basis of Payment. Tree Removal. Tree Removal will be paid for at the contract unit prices per unit diameter for TREE REMOVAL (6 to 15 UNITS DIAMETER), TREE REMOVAL (OVER 15 UNITS DIAMETER)

Care of Existing Plant Material. This work will be paid for at the contract unit price each for TREE PRUNING, TREE PRUNING (1 to 10 in. DIAMETER) and TREE PRUNING (OVER 10 in. DIAMETER).

The removal of invasive woody understory will be paid for at the contract unit price per lineal feet for UNDERSTORY REMOVAL.

The removal of herbaceous understory will be paid for at the contract unit price in square yards for HERBICIDE – SPOT TREATMENT.

# Cook County Prevailing Wage for January 2014

(See explanation of column headings at bottom of wages)

Trade Name	RG	TYP	C	Base	FRMAN	M-F>8	OSA	OSH	H/W	Pensn	Vac	Trng
=====	==	===	=	=====	=====	=====	===	===	=====	=====	=====	=====
ASBESTOS ABT-GEN		ALL		37.100	37.600	1.5	1.5	2.0	13.38	9.520	0.000	0.500
ASBESTOS ABT-MEC		BLD		35.100	37.600	1.5	1.5	2.0	11.17	10.76	0.000	0.720
BOILERMAKER		BLD		44.240	48.220	2.0	2.0	2.0	6.970	16.92	0.000	0.350
BRICK MASON		BLD		41.580	45.740	1.5	1.5	2.0	9.700	12.80	0.000	1.040
CARPENTER		ALL		42.520	44.520	1.5	1.5	2.0	13.29	12.75	0.000	0.630
CEMENT MASON		ALL		42.350	44.350	2.0	1.5	2.0	12.16	12.35	0.000	0.430
CERAMIC TILE FNSHER		BLD		34.810	0.000	2.0	1.5	2.0	10.20	7.830	0.000	0.640
COMM. ELECT.		BLD		38.000	40.800	1.5	1.5	2.0	8.420	11.30	1.100	0.700
ELECTRIC PWR EQMT OP		ALL		44.850	49.850	1.5	1.5	2.0	10.63	14.23	0.000	0.450
ELECTRIC PWR GRNDMAN		ALL		34.980	49.850	1.5	1.5	2.0	8.290	11.10	0.000	0.350
ELECTRIC PWR LINEMAN		ALL		44.850	49.850	1.5	1.5	2.0	10.63	14.23	0.000	0.450
ELECTRICIAN		ALL		43.000	46.000	1.5	1.5	2.0	12.83	14.27	0.000	0.750
ELEVATOR CONSTRUCTOR		BLD		49.080	55.215	2.0	2.0	2.0	11.88	12.71	3.930	0.600
FENCE ERECTOR		ALL		34.840	36.840	1.5	1.5	2.0	12.86	10.67	0.000	0.300
GLAZIER		BLD		40.000	41.500	1.5	2.0	2.0	12.49	15.99	0.000	0.940
HT/FROST INSULATOR		BLD		46.950	49.450	1.5	1.5	2.0	11.17	11.96	0.000	0.720
IRON WORKER		ALL		42.070	44.070	2.0	2.0	2.0	13.45	19.59	0.000	0.350
LABORER		ALL		37.000	37.750	1.5	1.5	2.0	13.38	9.520	0.000	0.500
LATHER		ALL		42.520	44.520	1.5	1.5	2.0	13.29	12.75	0.000	0.630
MACHINIST		BLD		43.920	46.420	1.5	1.5	2.0	6.760	8.950	1.850	0.000
MARBLE FINISHERS		ALL		30.520	0.000	1.5	1.5	2.0	9.700	12.55	0.000	0.590
MARBLE MASON		BLD		40.780	44.860	1.5	1.5	2.0	9.700	12.71	0.000	0.740
MATERIAL TESTER I		ALL		27.000	0.000	1.5	1.5	2.0	13.38	9.520	0.000	0.500
MATERIALS TESTER II		ALL		32.000	0.000	1.5	1.5	2.0	13.38	9.520	0.000	0.500
MILLWRIGHT		ALL		42.520	44.520	1.5	1.5	2.0	13.29	12.75	0.000	0.630
OPERATING ENGINEER		BLD	1	46.100	50.100	2.0	2.0	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		BLD	2	44.800	50.100	2.0	2.0	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		BLD	3	42.250	50.100	2.0	2.0	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		BLD	4	40.500	50.100	2.0	2.0	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		BLD	5	49.850	50.100	2.0	2.0	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		BLD	6	47.100	50.100	2.0	2.0	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		BLD	7	49.100	50.100	2.0	2.0	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		FLT	1	51.300	51.300	1.5	1.5	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER		FLT	2	49.800	51.300	1.5	1.5	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER		FLT	3	44.350	51.300	1.5	1.5	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER		FLT	4	36.850	51.300	1.5	1.5	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER		FLT	5	52.800	51.300	1.5	1.5	2.0	15.70	10.55	1.900	1.250
OPERATING ENGINEER		HWY	1	44.300	48.300	1.5	1.5	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		HWY	2	43.750	48.300	1.5	1.5	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		HWY	3	41.700	48.300	1.5	1.5	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		HWY	4	40.300	48.300	1.5	1.5	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		HWY	5	39.100	48.300	1.5	1.5	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		HWY	6	47.300	48.300	1.5	1.5	2.0	16.60	11.05	1.900	1.250
OPERATING ENGINEER		HWY	7	45.300	48.300	1.5	1.5	2.0	16.60	11.05	1.900	1.250
ORNAMNTL IRON WORKER		ALL		42.900	45.400	2.0	2.0	2.0	13.11	16.40	0.000	0.600
PAINTER		ALL		40.750	45.500	1.5	1.5	1.5	10.75	11.10	0.000	0.770
PAINTER SIGNS		BLD		33.920	38.090	1.5	1.5	1.5	2.600	2.710	0.000	0.000
PILEDRIVER		ALL		42.520	44.520	1.5	1.5	2.0	13.29	12.75	0.000	0.630
PIPEFITTER		BLD		46.000	49.000	1.5	1.5	2.0	9.000	15.85	0.000	1.680
PLASTERER		BLD		41.250	43.730	1.5	1.5	2.0	11.10	11.69	0.000	0.550
PLUMBER		BLD		46.050	48.050	1.5	1.5	2.0	12.53	10.06	0.000	0.880
ROOFER		BLD		38.950	41.950	1.5	1.5	2.0	8.280	9.190	0.000	0.430

SHEETMETAL WORKER	BLD	41.210	44.510	1.5	1.5	2.0	10.48	19.41	0.000	0.660
SIGN HANGER	BLD	30.210	30.710	1.5	1.5	2.0	4.850	3.030	0.000	0.000
SPRINKLER FITTER	BLD	49.200	51.200	1.5	1.5	2.0	10.75	8.850	0.000	0.450
STEEL ERECTOR	ALL	42.070	44.070	2.0	2.0	2.0	13.45	19.59	0.000	0.350
STONE MASON	BLD	41.580	45.740	1.5	1.5	2.0	9.700	12.80	0.000	1.040
SURVEY WORKER	ALL	37.000	37.750	1.5	1.5	2.0	12.97	9.930	0.000	0.500
TERRAZZO FINISHER	BLD	36.040	0.000	1.5	1.5	2.0	10.20	9.900	0.000	0.540
TERRAZZO MASON	BLD	39.880	42.880	1.5	1.5	2.0	10.20	11.25	0.000	0.700
TILE MASON	BLD	41.840	45.840	2.0	1.5	2.0	10.20	9.560	0.000	0.880
TRAFFIC SAFETY WRKR	HWY	28.250	29.850	1.5	1.5	2.0	4.896	4.175	0.000	0.000
TRUCK DRIVER	E ALL 1	33.850	34.500	1.5	1.5	2.0	8.150	8.500	0.000	0.150
TRUCK DRIVER	E ALL 2	34.100	34.500	1.5	1.5	2.0	8.150	8.500	0.000	0.150
TRUCK DRIVER	E ALL 3	34.300	34.500	1.5	1.5	2.0	8.150	8.500	0.000	0.150
TRUCK DRIVER	E ALL 4	34.500	34.500	1.5	1.5	2.0	8.150	8.500	0.000	0.150
TRUCK DRIVER	W ALL 1	32.550	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TRUCK DRIVER	W ALL 2	32.700	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TRUCK DRIVER	W ALL 3	32.900	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TRUCK DRIVER	W ALL 4	33.100	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.000
TUCKPOINTER	BLD	41.950	42.950	1.5	1.5	2.0	8.180	11.78	0.000	0.630

**Legend:**

RG (Region)  
 TYP (Trade Type - All, Highway, Building, Floating, Oil & Chip, Rivers)  
 C (Class)  
 Base (Base Wage Rate)  
 FRMAN (Foreman Rate)  
 M-F>8 (OT required for any hour greater than 8 worked each day, Mon through Fri.)  
 OSA (Overtime (OT) is required for every hour worked on Saturday)  
 OSH (Overtime is required for every hour worked on Sunday and Holidays)  
 H/W (Health & Welfare Insurance)  
 Pensn (Pension)  
 Vac (Vacation)  
 Trng (Training)

## Explanations

**COOK COUNTY**

The following list is considered as those days for which holiday rates of wages for work performed apply: New Years Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, Christmas Day and Veterans Day in some classifications/counties. Generally, any of these holidays which fall on a Sunday is celebrated on the following Monday. This then makes work performed on that Monday payable at the appropriate overtime rate for holiday pay. Common practice in a given local may alter certain days of celebration. If in doubt, please check with IDOL.

TRUCK DRIVERS (WEST) - That part of the county West of Barrington Road.

**EXPLANATION OF CLASSES**

**ASBESTOS - GENERAL** - removal of asbestos material/mold and hazardous materials from any place in a building, including mechanical systems where those mechanical systems are to be removed. This includes the removal of asbestos materials/mold and hazardous materials from ductwork or pipes in a building when the building is to be demolished at the time or at some close future date.  
**ASBESTOS - MECHANICAL** - removal of asbestos material from mechanical

systems, such as pipes, ducts, and boilers, where the mechanical systems are to remain.

#### CERAMIC TILE FINISHER

The grouting, cleaning, and polishing of all classes of tile, whether for interior or exterior purposes, all burned, glazed or unglazed products; all composition materials, granite tiles, warning detectable tiles, cement tiles, epoxy composite materials, pavers, glass, mosaics, fiberglass, and all substitute materials, for tile made in tile-like units; all mixtures in tile like form of cement, metals, and other materials that are for and intended for use as a finished floor surface, stair treads, promenade roofs, walks, walls, ceilings, swimming pools, and all other places where tile is to form a finished interior or exterior. The mixing of all setting mortars including but not limited to thin-set mortars, epoxies, wall mud, and any other sand and cement mixtures or adhesives when used in the preparation, installation, repair, or maintenance of tile and/or similar materials. The handling and unloading of all sand, cement, lime, tile, fixtures, equipment, adhesives, or any other materials to be used in the preparation, installation, repair, or maintenance of tile and/or similar materials. Ceramic Tile Finishers shall fill all joints and voids regardless of method on all tile work, particularly and especially after installation of said tile work. Application of any and all protective coverings to all types of tile installations including, but not be limited to, all soap compounds, paper products, tapes, and all polyethylene coverings, plywood, masonite, cardboard, and any new type of products that may be used to protect tile installations, Blastrac equipment, and all floor scarifying equipment used in preparing floors to receive tile. The clean up and removal of all waste and materials. All demolition of existing tile floors and walls to be re-tiled.

#### COMMUNICATIONS ELECTRICIAN

Installation, operation, inspection, maintenance, repair and service of radio, television, recording, voice sound vision production and reproduction, telephone and telephone interconnect, facsimile, data apparatus, coaxial, fibre optic and wireless equipment, appliances and systems used for the transmission and reception of signals of any nature, business, domestic, commercial, education, entertainment, and residential purposes, including but not limited to, communication and telephone, electronic and sound equipment, fibre optic and data communication systems, and the performance of any task directly related to such installation or service whether at new or existing sites, such tasks to include the placing of wire and cable and electrical power conduit or other raceway work within the equipment room and pulling wire and/or cable through conduit and the installation of any incidental conduit, such that the employees covered hereby can complete any job in full.

#### MARBLE FINISHER

Loading and unloading trucks, distribution of all materials (all stone, sand, etc.), stocking of floors with material, performing all rigging for heavy work, the handling of all material that may be needed for the installation of such materials, building of scaffolding, polishing if needed, patching, waxing of material if damaged, pointing up, caulking, grouting and cleaning of marble,

holding water on diamond or Carborundum blade or saw for setters cutting, use of tub saw or any other saw needed for preparation of material, drilling of holes for wires that anchor material set by setters, mixing up of molding plaster for installation of material, mixing up thin set for the installation of material, mixing up of sand to cement for the installation of material and such other work as may be required in helping a Marble Setter in the handling of all material in the erection or installation of interior marble, slate, travertine, art marble, serpentine, alberene stone, blue stone, granite and other stones (meaning as to stone any foreign or domestic materials as are specified and used in building interiors and exteriors and customarily known as stone in the trade), carrara, sanionyx, vitrolite and similar opaque glass and the laying of all marble tile, terrazzo tile, slate tile and precast tile, steps, risers treads, base, or any other materials that may be used as substitutes for any of the aforementioned materials and which are used on interior and exterior which are installed in a similar manner.

MATERIAL TESTER I: Hand coring and drilling for testing of materials; field inspection of uncured concrete and asphalt.

MATERIAL TESTER II: Field inspection of welds, structural steel, fireproofing, masonry, soil, facade, reinforcing steel, formwork, cured concrete, and concrete and asphalt batch plants; adjusting proportions of bituminous mixtures.

#### OPERATING ENGINEER - BUILDING

Class 1. Asphalt Plant; Asphalt Spreader; Autograde; Backhoes with Caisson Attachment; Batch Plant; Benoto (requires Two Engineers); Boiler and Throttle Valve; Caisson Rigs; Central Redi-Mix Plant; Combination Back Hoe Front End-loader Machine; Compressor and Throttle Valve; Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Conveyor (Truck Mounted); Concrete Paver Over 27E cu. ft; Concrete Paver 27E cu. ft. and Under; Concrete Placer; Concrete Placing Boom; Concrete Pump (Truck Mounted); Concrete Tower; Cranes, All; Cranes, Hammerhead; Cranes, (GCI and similar Type); Creter Crane; Spider Crane; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; Heavy Duty Self-Propelled Transporter or Prime Mover; Highlift Shovels or Front Endloader 2-1/4 yd. and over; Hoists, Elevators, outside type rack and pinion and similar machines; Hoists, One, Two and Three Drum; Hoists, Two Tugger One Floor; Hydraulic Backhoes; Hydraulic Boom Trucks; Hydro Vac (and similar equipment); Locomotives, All; Motor Patrol; Lubrication Technician; Manipulators; Pile Drivers and Skid Rig; Post Hole Digger; Pre-Stress Machine; Pump Cretes Dual Ram; Pump Cretes: Squeeze Cretes-Screw Type Pumps; Gypsum Bulker and Pump; Raised and Blind Hole Drill; Roto Mill Grinder; Scoops - Tractor Drawn; Slip-Form Paver; Straddle Buggies; Operation of Tie Back Machine; Tournapull; Tractor with Boom and Side Boom; Trenching Machines.

Class 2. Boilers; Broom, All Power Propelled; Bulldozers; Concrete Mixer (Two Bag and Over); Conveyor, Portable; Forklift Trucks; Highlift Shovels or Front Endloaders under 2-1/4 yd.; Hoists, Automatic; Hoists, Inside Elevators; Hoists, Sewer Dragging Machine; Hoists, Tugger Single Drum; Laser Screed; Rock Drill (Self-Propelled); Rock Drill (Truck Mounted); Rollers, All; Steam Generators; Tractors,

All; Tractor Drawn Vibratory Roller; Winch Trucks with "A" Frame.

Class 3. Air Compressor; Combination Small Equipment Operator; Generators; Heaters, Mechanical; Hoists, Inside Elevators (remodeling or renovation work); Hydraulic Power Units (Pile Driving, Extracting, and Drilling); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Low Boys; Pumps, Well Points; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 4. Bobcats and/or other Skid Steer Loaders; Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics; Welders.

#### OPERATING ENGINEERS - HIGHWAY CONSTRUCTION

Class 1. Asphalt Plant; Asphalt Heater and Planer Combination; Asphalt Heater Scarfire; Asphalt Spreader; Autograder/GOMACO or other similar type machines: ABG Paver; Backhoes with Caisson Attachment; Ballast Regulator; Belt Loader; Caisson Rigs; Car Dumper; Central Redi-Mix Plant; Combination Backhoe Front Endloader Machine, (1 cu. yd. Backhoe Bucket or over or with attachments); Concrete Breaker (Truck Mounted); Concrete Conveyor; Concrete Paver over 27E cu. ft.; Concrete Placer; Concrete Tube Float; Cranes, all attachments; Cranes, Tower Cranes of all types: Creter Crane: Spider Crane; Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dredges; Elevators, Outside type Rack & Pinion and Similar Machines; Formless Curb and Gutter Machine; Grader, Elevating; Grader, Motor Grader, Motor Patrol, Auto Patrol, Form Grader, Pull Grader, Subgrader; Guard Rail Post Driver Truck Mounted; Hoists, One, Two and Three Drum; Heavy Duty Self-Propelled Transporter or Prime Mover; Hydraulic Backhoes; Backhoes with shear attachments up to 40' of boom reach; Lubrication Technician; Manipulators; Mucking Machine; Pile Drivers and Skid Rig; Pre-Stress Machine; Pump Cretes Dual Ram; Rock Drill - Crawler or Skid Rig; Rock Drill - Truck Mounted; Rock/Track Tamper; Roto Mill Grinder; Slip-Form Paver; Snow Melters; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Operation of Tieback Machine; Tractor Drawn Belt Loader; Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Traffic Barrier Transfer Machine; Trenching; Truck Mounted Concrete Pump with Boom; Raised or Blind Hole Drills (Tunnel Shaft); Underground Boring and/or Mining Machines 5 ft. in diameter and over tunnel, etc; Underground Boring and/or Mining Machines under 5 ft. in diameter; Wheel Excavator; Widener (APSCO).

Class 2. Batch Plant; Bituminous Mixer; Boiler and Throttle Valve; Bulldozers; Car Loader Trailing Conveyors; Combination Backhoe Front Endloader Machine (Less than 1 cu. yd. Backhoe Bucket or over or with attachments); Compressor and Throttle Valve; Compressor, Common Receiver (3); Concrete Breaker or Hydro Hammer; Concrete Grinding Machine; Concrete Mixer or Paver 7S Series to and including 27 cu. ft.; Concrete Spreader; Concrete Curing Machine, Burlap Machine, Belting Machine and Sealing Machine; Concrete Wheel Saw; Conveyor Muck Cars (Haglund or Similar Type); Drills, All; Finishing Machine -

Concrete; Highlift Shovels or Front Endloader; Hoist - Sewer Dragging Machine; Hydraulic Boom Trucks (All Attachments); Hydro-Blaster; Hydro Excavating (excluding hose work); Laser Screed; All Locomotives, Dinky; Off-Road Hauling Units (including articulating) Non Self-Loading Ejection Dump; Pump Cretes: Squeeze Cretes - Screw Type Pumps, Gypsum Bulker and Pump; Roller, Asphalt; Rotary Snow Plows; Rototiller, Seaman, etc., self-propelled; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper - Single/Twin Engine/Push and Pull; Scraper - Prime Mover in Tandem (Regardless of Size); Tractors pulling attachments, Sheeps Foot, Disc, Compactor, etc.; Tug Boats.

Class 3. Boilers; Brooms, All Power Propelled; Cement Supply Tender; Compressor, Common Receiver (2); Concrete Mixer (Two Bag and Over); Conveyor, Portable; Farm-Type Tractors Used for Mowing, Seeding, etc.; Forklift Trucks; Grouting Machine; Hoists, Automatic; Hoists, All Elevators; Hoists, Tugger Single Drum; Jeep Diggers; Low Boys; Pipe Jacking Machines; Post-Hole Digger; Power Saw, Concrete Power Driven; Pug Mills; Rollers, other than Asphalt; Seed and Straw Blower; Steam Generators; Stump Machine; Winch Trucks with "A" Frame; Work Boats; Tamper-Form-Motor Driven.

Class 4. Air Compressor; Combination - Small Equipment Operator; Directional Boring Machine; Generators; Heaters, Mechanical; Hydraulic Power Unit (Pile Driving, Extracting, or Drilling); Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Vacuum Trucks (excluding hose work); Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. SkidSteer Loader (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Dowell Machine with Air Compressor; Gradall and machines of like nature.

#### OPERATING ENGINEER - FLOATING

Class 1. Craft Foreman; Master Mechanic; Diver/Wet Tender; Engineer; Engineer (Hydraulic Dredge).

Class 2. Crane/Backhoe Operator; Boat Operator with towing endorsement; Mechanic/Welder; Assistant Engineer (Hydraulic Dredge); Leverman (Hydraulic Dredge); Diver Tender.

Class 3. Deck Equipment Operator, Machineryman, Maintenance of Crane (over 50 ton capacity) or Backhoe (115,000 lbs. or more); Tug/Launch Operator; Loader/Dozer and like equipment on Barge, Breakwater Wall, Slip/Dock, or Scow, Deck Machinery, etc.

Class 4. Deck Equipment Operator, Machineryman/Fireman (4 Equipment Units or More); Off Road Trucks; Deck Hand, Tug Engineer, Crane Maintenance (50 Ton Capacity and Under) or Backhoe Weighing (115,000 pounds or less); Assistant Tug Operator.

Class 5. Friction or Lattice Boom Cranes.

SURVEY WORKER - Operated survey equipment including data collectors, G.P.S. and robotic instruments, as well as conventional levels and transits.

## TERRAZZO FINISHER

The handling of sand, cement, marble chips, and all other materials that may be used by the Mosaic Terrazzo Mechanic, and the mixing, grinding, grouting, cleaning and sealing of all Marble, Mosaic, and Terrazzo work, floors, base, stairs, and wainscoting by hand or machine, and in addition, assisting and aiding Marble, Masonic, and Terrazzo Mechanics.

## TRAFFIC SAFETY

Work associated with barricades, horses and drums used to reduce lane usage on highway work, the installation and removal of temporary lane markings, and the installation and removal of temporary road signs.

## TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION - EAST &amp; WEST

Class 1. Two or three Axle Trucks. A-frame Truck when used for transportation purposes; Air Compressors and Welding Machines, including those pulled by cars, pick-up trucks and tractors; Ambulances; Batch Gate Lockers; Batch Hopperman; Car and Truck Washers; Carry-alls; Fork Lifts and Hoisters; Helpers; Mechanics Helpers and Greasers; Oil Distributors 2-man operation; Pavement Breakers; Pole Trailer, up to 40 feet; Power Mower Tractors; Self-propelled Chip Spreader; Skipman; Slurry Trucks, 2-man operation; Slurry Truck Conveyor Operation, 2 or 3 man; Teamsters; Unskilled Dumpman; and Truck Drivers hauling warning lights, barricades, and portable toilets on the job site.

Class 2. Four axle trucks; Dump Crets and Adgetors under 7 yards; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnapulls or Turnatrailers when pulling other than self-loading equipment or similar equipment under 16 cubic yards; Mixer Trucks under 7 yards; Ready-mix Plant Hopper Operator, and Winch Trucks, 2 Axles.

Class 3. Five axle trucks; Dump Crets and Adgetors 7 yards and over; Dumpsters, Track Trucks, Euclids, Hug Bottom Dump Turnatrailers or turnapulls when pulling other than self-loading equipment or similar equipment over 16 cubic yards; Explosives and/or Fission Material Trucks; Mixer Trucks 7 yards or over; Mobile Cranes while in transit; Oil Distributors, 1-man operation; Pole Trailer, over 40 feet; Pole and Expandable Trailers hauling material over 50 feet long; Slurry trucks, 1-man operation; Winch trucks, 3 axles or more; Mechanic--Truck Welder and Truck Painter.

Class 4. Six axle trucks; Dual-purpose vehicles, such as mounted crane trucks with hoist and accessories; Foreman; Master Mechanic; Self-loading equipment like P.B. and trucks with scoops on the front.

## Other Classifications of Work:

For definitions of classifications not otherwise set out, the Department generally has on file such definitions which are available. If a task to be performed is not subject to one of the classifications of pay set out, the Department will upon being contacted state which neighboring county has such a classification and provide such rate, such rate being deemed to exist by reference in this document. If no neighboring county rate applies to the task,

the Department shall undertake a special determination, such special determination being then deemed to have existed under this determination. If a project requires these, or any classification not listed, please contact IDOL at 217-782-1710 for wage rates or clarifications.

#### LANDSCAPING

Landscaping work falls under the existing classifications for laborer, operating engineer and truck driver. The work performed by landscape plantsman and landscape laborer is covered by the existing classification of laborer. The work performed by landscape operators (regardless of equipment used or its size) is covered by the classifications of operating engineer. The work performed by landscape truck drivers (regardless of size of truck driven) is covered by the classifications of truck driver.

#### MATERIAL TESTER & MATERIAL TESTER/INSPECTOR I AND II

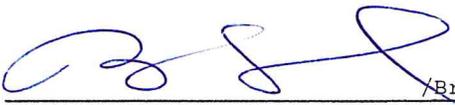
Notwithstanding the difference in the classification title, the classification entitled "Material Tester I" involves the same job duties as the classification entitled "Material Tester/Inspector I". Likewise, the classification entitled "Material Tester II" involves the same job duties as the classification entitled "Material Tester/Inspector II".

## CHAPEL CREEK 2014 PAVEMENT PLAN

### SCHEDULE OF PRICES

Description	Approximate Quantities	Unit Prices		Total Amount	
		Dollars	Cents	Dollars	Cents
Bituminous Materials (Prime Coat)	1257 Gallons	.	01	12	57
Bituminous Concrete Surface Course, 2", N50	12,114 Sq. Yds.	9.	20	111,448	80
Full Depth Bituminous Surface Removal	11,976 Sq. Yds.	6	10	73,053	60
Bituminous Concrete Binder Course, 3", N50	10,324 Sq. Yds.	13	05	134,728	20
Bituminous Concrete Binder Course, 4", N50	1,790 Sq. Yds.	17	45	31,235	50
Excavation for Road Widening	140 Sq. Yds.	17	50	2450	00
10" CA-6 CRUSHED STONE OR GRAVEL	138 Sq. Yds.	17	00	2346	00
Pavement Undercut, Removal & Replacement	300 Cu. Yds.	58	00	17,400	00
TOTAL COST				372,674. <sup>67</sup> <u>    </u>	

Note: Full Depth Grind Removal (Varies)

Submitted By: 

/Brent Schroeder

Name

Vice President

Title

Schroeder Asphalt Services, Inc.

Company

6/19/14

Date

Addendum No.1  
June 16, 2014

The following are the items that will be included in Addendum No. 1 for this project. As such, all bid submittals shall acknowledge receipt and date of this addendum on Sheet 3 in the bid package.

1. The "Undercut of Unsuitable Material" item on the plans shall also be added to the bid as an alternate to the contract. The amount shall be included on the bid sheet, but you may remove it from the total cost of the project. The attached bid sheet should replace the bid sheet in the book.
2. The completion date for the contract will be August 31, 2014
3. The amount of the bid bond is ten percent. AIA documents are acceptable for this item

# AIA<sup>®</sup> Document A310™ – 2010

## **Bid Bond**

**CONTRACTOR:**

*(Name, legal status and address)*

Schroeder Asphalt Services, Inc.  
PO Box 831  
Huntley, IL 60142

**SURETY:**

*(Name, legal status and principal place of business)*

Hudson Insurance Company  
17 State St., 29th Floor  
New York, NY 10004

**OWNER:**

*(Name, legal status and address)*

Hanover Township  
250 Illinois Route 59  
Bartlett, IL 60103

**BOND AMOUNT:** \$ --Ten Percent of Accompanying Bid---10% of Bid---

**PROJECT:**

*(Name, location or address, and Project number, if any)*

Roadway Improvement Plans for Chapel Creek 2014 Pavement Plan  
Hanover Township

**ADDITIONS AND DELETIONS:**

The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed. A vertical line in the left margin of this document indicates where the author has added necessary information and where the author has added to or deleted from the original AIA text.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so

Init.

furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 18th day of June, 2014

*Grace A. Long*  
(Witness)

*[Signature]*  
(Witness)

Schroeder Asphalt Services, Inc.  
(Contractor as Principal) (Seal)

*Karen Schroeder*  
(Title) *Karen Schroeder / President*

Hudson Insurance Company  
(Surety) (Seal)

*[Signature]*  
(Title) *Kevin J. Scanlon, Attorney-in-fact.*

STATE OF Illinois

ss.:

COUNTY OF Will

On this 18th day of June 2014, before me personally appeared Kevin J. Scanlon, to me known, who, being by me duly sworn, did depose and say: that he reside(s) at \_\_\_\_\_

New Lenox, Illinois; that he is/are the Attorney-in-fact of Hudson Insurance Company, the corporation described

in and which executed and annexed instrument; that he know(s) the corporate seal of said corporation; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said corporation; that he signed the same name(s) thereto by like order; and that the liabilities of said corporation do not exceed its assets as

ascertained in the manner provided by law.

◆◆◆◆◆  
◆◆◆◆◆ "OFFICIAL SEAL"  
◆◆◆◆◆ SUE BOTTOMLEY  
◆◆◆◆◆ Notary Public, State of Illinois  
◆◆◆◆◆ My Commission Expires 06/30/2014  
◆◆◆◆◆

Sue Bottomley  
(Notary Public in and for the above County and State)

My commission expires 06/30/2014



BID BOND POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That HUDSON INSURANCE COMPANY, a corporation of the State of Delaware, with offices at 100 William Street, New York, New York, 10038, has made, constituted and appointed, and by these presents, does make, constitute and appoint

Kevin J. Scanlon, Robert H. Walker, Richard L. McWethy, Gary A. Eaton, Jr. of the State of Illinois

its true and lawful Attorney(s)-in-Fact, at New York City in the State of New York, each of them alone to have full power to act without the other or others, to make, execute and deliver on its behalf, as Surety, bid bonds for any and all purposes.

Such bid bonds, when duly executed by said Attorney(s)-in-Fact, shall be binding upon said Company as fully and to the same extent as if signed by the President of said Company under its corporate seal attested by its Secretary.

In Witness Whereof, HUDSON INSURANCE COMPANY has caused these presents to be of its Executive Vice President thereunto signed, on this 8th day of April, 2014 at New York, New York.



Attest: [Signature] Dina Daskalakis, Corporate Secretary

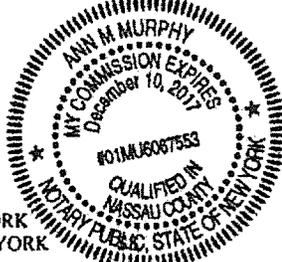
HUDSON INSURANCE COMPANY

By: [Signature] Christopher T. Suarez, Executive Vice President

STATE OF NEW YORK COUNTY OF NEW YORK SS.

On the 8th day of April, 2014 before me personally came Christopher T. Suarez to me known, who being by me duly sworn did depose and say that he is an Executive Vice President of HUDSON INSURANCE COMPANY, the Company described herein and which executed the above instrument, that he knows the seal of said Company, that the seal affixed to said instrument is the corporate seal of said Company, that it was so affixed by order of the Board of Directors of said Company, and that he signed his name thereto by like order.

(Notarial Seal)



[Signature] ANN M. MURPHY Notary Public, State of New York No. 01MU6067553 Qualified in Nassau County Commission Expires December 10, 2017

CERTIFICATION

STATE OF NEW YORK COUNTY OF NEW YORK

The undersigned Dina Daskalakis hereby certifies:

THAT the original resolution, of which the following is a true and correct copy, was duly adopted by unanimous written consent of the Board of Directors of Hudson Insurance Company dated July 27th, 2007, and has not since been revoked, amended or modified:

"RESOLVED, that the President, the Executive Vice Presidents, the Senior Vice Presidents and the Vice Presidents shall have the authority and discretion, to appoint such agent or agents, or attorney or attorneys-in-fact, for the purpose of carrying on this Company's surety business, and to empower such agent or agents, or attorney or attorneys-in-fact, to execute and deliver, under this Company's seal or otherwise, bonds obligations, and recognizances, whether made by this Company as surety thereon or otherwise, indemnity contracts, contracts and certificates, and any and all other contracts and undertaking made in the course of this Company's surety business, and renewals, extensions, agreements, waivers, consents or stipulations regarding undertakings so made; and

FURTHER RESOVLED, that the signature of any such Officer of the Company and the Company's seal may be affixed by facsimile to any power of attorney or certification given for the execution of any bond, undertaking, recognizance, contract of indemnity or other written obligation in the nature thereof or related thereto, such signature and seal when so used whether heretofore or hereafter, being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed."

THAT the above and foregoing is a full, true and correct copy of Power of Attorney issued by said Company, and of the whole of the original and that the said Power of Attorney is still in full force and effect and has not been revoked, and furthermore that the Resolution of the Board of Directors, set forth in the said Power of Attorney is now in force.

Witness the hand of the undersigned and the seal of said Company this 18th day of June, 2014



By: [Signature] Dina Daskalakis, Corporate Secretary

June 18, 2014

Hanover Township  
250 Illinois Route 59  
Bartlett, IL 60103

Re: Schroeder Asphalt Services, Inc. – Roadway Improvement Plans for Chapel Creek 2014  
Pavement Plan

To Whom It May Concern:

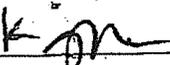
As Surety for Schroeder Asphalt Services, Inc., Hudson Insurance Company of New York, NY & subject to our normal underwriting considerations will issue the required performance and payment bonds on the forms prescribed in the bid documents, in the full amount of the contract. It is understood that a surety relationship is strictly a matter between the surety and the principal and we cannot be held responsible to any third parties or to our principal itself if for whatever reason we elect not to execute a bond.

Hudson Insurance Company has a group rating of A XV according to A.M. Best, is listed in the U.S. Treasury Circular as an approved surety and is licensed to transact surety business in all of the United States.

If you should need further clarification please call the office.

Sincerely,

Hudson Insurance Company

By:  \_\_\_\_\_

Kevin J. Scanlon, Attorney-in-fact



# Illinois Department of Transportation

# Certificate of Eligibility

Contractor No 5378

Schroeder Asphalt Services, Inc.  
P. O. Box 831 HUNTLEY, IL 60142

WHO HAS FILED WITH THE DEPARTMENT AN APPLICATION FOR PREQUALIFICATION STATEMENT OF EXPERIENCE, EQUIPMENT AND FINANCIAL CONDITION IS HEREBY QUALIFIED TO BID AT ANY OF DEPARTMENT OF TRANSPORTATION LETTINGS IN THE CLASSES OF WORK AND WITHIN THE AMOUNT AND OTHER LIMITATIONS OF EACH CLASSIFICATION, AS LISTED BELOW, FOR SUCH PERIOD AS THE UNCOMPLETED WORK FROM ALL SOURCES DOES NOT EXCEED

\$5,386,000.00

001	EARTHWORK	\$3,525,000	
005	HMA PAVING	\$5,386,000	B
012	DRAINAGE	\$725,000	
017	CONCRETE CONSTRUCTION	\$1,200,000	
032	COLD MILL, PLAN. & ROTOMILL	\$2,475,000	
08A	AGGREGATE BASES & SURF. (A)	\$4,825,000	
27A	PAVT. MARKING (PAINT)	\$50,000	

THIS CERTIFICATE OF ELIGIBILITY IS VALID FROM 4/28/2014 TO 4/30/2015 INCLUSIVE, AND SUPERSEDES ANY CERTIFICATE PREVIOUSLY ISSUED, BUT IS SUBJECT TO REVISION OR REVOCATION, IF AND WHEN CHANGES IN THE FINANCIAL CONDITION OF THE CONTRACTING FIRM OR OTHER FACTS JUSTIFY SUCH REVISIONS OR REVOCATION. ISSUED AT SPRINGFIELD, ILLINOIS ON 4/28/2014.

B Restricted to 1200 tons in any 1 contract (Class I and/or BAM) or as specified by local agency

Interim Engineer of Construction



# **SCHROEDER**

## **ASPHALT SERVICES, INC.**

PO. BOX 831  
HUNTLEY, IL 60142

PHONE: (815) 923-4380  
FAX: (815) 923-4389

### Schedule – To Start Approx. 8/4/14

Grinding - (4) Days

Sub Base Prep – (4) Days

Under Cuts – (2) Days

Place Binder Course - (4) Days

Place Surface Course – (3) Days)

# **SCHROEDER**

INDUSTRIAL SERVICES COMPANY, INC.      SPECIALTY CONTRACTORS      PAVEMENT CONTRACTORS

## **ASPHALT SERVICES, INC.**

PO. BOX 831  
HUNTLEY, IL 60142

PHONE: (815) 923-4380  
FAX: (815) 923-4389

### Key Office Personnel and Field Supervisors:

Karen Schroeder – President – 18 Yrs. Experience  
Brent Schroeder – Vice President – 23 Years Experience  
Micah Higgins – Secretary / Estimator – 17 Years Experience  
John Rocco – Superintendent – 34 Years Experience  
Frank Braden – Superintendent – 18 Years Experience

# **SCHROEDER**

## **ASPHALT SERVICES, INC.**

PO. BOX 831  
HUNTLEY, IL 60142

PHONE: (815) 923-4380  
FAX: (815) 923-4389

Subcontractor

N/A

# **SCHROEDER**

## **ASPHALT SERVICES, INC.**

PO. BOX 831  
HUNTLEY, IL 60142

PHONE: (815) 923-4380  
FAX: (815) 923-4389

### Material Supplier - Asphalt

Allied Asphalt  
1100 Brandt Drive  
Hoffman Estates, IL  
Dave Verdico 847/695-9300

Bartlett Plant  
2300 Graham Street  
Bartlett, IL 60103  
630/289-6080

### Material Supplier – Stone

Vulcan Materials  
747 E. 22<sup>nd</sup> St.  
Lombard, IL  
Craig Reynolds 630/261-8600

# **SCHROEDER**

MASSARD ZIMMAYE FORTNEY 2004    SCHROEDER    ZIMMAYE FORTNEY 2004    SCHROEDER    ZIMMAYE FORTNEY 2004

## **ASPHALT SERVICES, INC.**

PO. BOX 831  
HUNTLEY, IL 60142

PHONE: (815) 923-4380  
FAX: (815) 923-4389

Schroeder Asphalt Services, Inc.  
Phone: 815/923-4380  
Fax: 815/923-4389

Mailing & Legal Address:  
P.O. Box 831  
Huntley, IL 60142-0831

Office Location:  
11022 S. Grant Hwy.  
Marengo, IL 60152-9405

Corporation - Incorporated in the state of Illinois on 5/8/1997  
In business for 17 years.

FEIN # 39-1889745