

## Village of Hanover Park

Municipal Building  
2121 West Lake Street  
Hanover Park, Illinois  
60133-4398

Rodney S. Craig  
Village President

Eira L. Corral  
Village Clerk

630-372-4200  
Fax 630-372-4215

Ronald A. Moser  
Village Manager

May 10, 2012



Mr. Alex Househ  
Illinois Department of Transportation  
Bureau of Local Roads  
201 West Center Court  
Schaumburg, IL 60196

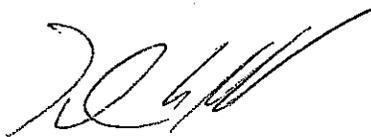
Re: Hanover Park Section 13-00000-01-GM  
Various Street Resurfacing

Dear Alex:

Enclosed for your records is a fully-executed copy of the Contract and Contract Bond for the above-referenced project.

Please feel free to contact me at 630-823-5700 or at [hkillian@hpil.org](mailto:hkillian@hpil.org) if there are any questions. Thank you.

Very truly yours,



Howard A. Killian, P.E.  
Director of Engineering and Public Works

Enclosure

c: Village Clerk ✓  
Engineering

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May 10, 2012



Brothers Asphalt Paving, Inc.  
315 S. Stewart Avenue  
Addison, IL 60101

Re: Hanover Park MFT Section 13-00000-01-GM  
Street Resurfacing

Gentlemen:

The Board of Trustees awarded the contract to you at their May 3, 2012 meeting.

Enclosed for your records is a fully-executed copy of the Contract and Contract Bond for your records.

Please contact me at 630-823-5700 should you have any questions.

Very truly yours,



Howard A. Killian, P.E.  
Director of Engineering and Public Works

Enclosure

c: Village Clerk  
Engineering



PROPOSAL SUBMITTED BY		
Brothers Asphalt Paving, Inc..		
Contractor's Name		
315 S. Stewart Avenue		
Street		P.O. Box
Addison	IL	60101
City	State	Zip Code

STATE OF ILLINOIS

COUNTY OF Cook and DuPage

Village of Hanover Park  
(Name of City, Village, Town or Road District)

- ESTIMATE OF COST
- SPECIFICATIONS
- PLANS
- MATERIAL PROPOSAL
- DELIVER AND INSTALL PROPOSAL
- CONTRACT PROPOSAL
- CONTRACT
- CONTRACT BOND

FOR THE IMPROVEMENT OF

STREET NAME OR ROUTE NO. Various Village Streets

SECTION NO. 13-00000-01-GM

TYPES OF FUNDS MFT

**For Municipal Projects**

Submitted/Approved/Passed 4/26/2012  
Date

Mayor  President of Board of Trustees  Municipal Official

**For County and Road District Projects**

Submitted/Approved \_\_\_\_\_  
Date

Highway Commissioner

Submitted/Approved \_\_\_\_\_  
Date

County Engineer/Superintendent of Highways

**Department of Transportation**

Released for bid based on limited review

Date AGREEMENT  
OF  
UNDERSTANDING  
Regional Engineer

Concurrence in approval of award

Date \_\_\_\_\_  
Regional Engineer



**RETURN WITH BID**

Route	<u>Various Village Streets</u>
County	<u>Cook &amp; DuPage</u>
Local Agency	<u>Hanover Park</u>
Section	<u>13-00000-01-GM</u>

**Time and Place of Opening of Bids**

Sealed proposals for the improvement described below will be received at the office of the Village Clerk of the  
Village of Hanover Park, 2121 Lake Street, Hanover Park, Illinois 60133  
(address)  
 until 11:00 o'clock A M., April 3, 2012 Proposals will be opened and read publicly  
(date)  
 at 11:00 o'clock A M., April 3, 2012 at the office of the Village Clerk of the  
(date)  
Village of Hanover Park, 2121 Lake Street, Hanover Park, Illinois 60133  
(address)

**Description of Work**

Name Various Village Streets Length 17456.00 feet ( 3.31 miles)  
 Location Various streets in the Village of Hanover Park  
 Proposed Improvement Hot Mix Asphalt surface removal, adjustment of manholes, rebuilding drainage structures,  
 curb & gutter and sidewalk replacement, and resurfacing with hot mix asphalt surface at various locations.

**Bidders Instructions**

1. Plans and proposal forms will be available in the office of the Village Engineer, Howard A. Killian, P.E.,  
Village of Hanover Park, 2041 Lake Street, Hanover Park, Illinois, 60133 (630) 823-5700
2. If prequalification is required, the 2 low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57), in triplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One copy shall be filed with the Awarding Authority and 2 copies with the IDOT District Office.
3. All proposals must be accompanied by a proposal guaranty as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals contained in the "Supplemental Specifications and Recurring Special Provisions".
4. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals contained in the "Supplemental Specifications and Recurring Special Provisions".
5. Bidders need not return the entire contract proposal when bids are submitted unless otherwise required. Portions of the proposal that must be returned include the following:
 

a. BLR 12210 - Contract Cover	f. BLR 12230 - Proposal Bid Bond (if applicable)
b. BLR 12220 - Notice to Bidders	g. BLR 12325 -- Apprenticeship or Training Program Certification ( <b>do not use for federally funded projects</b> )
c. BLR 12221 - Contract Proposal	
d. BLR 12222 - Contract Schedule of Prices	
e. BLR 12223 - Signatures	
6. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.

7. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.
8. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.
9. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.
10. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

By Order of

Village of Hanover Park  
(Awarding Authority)

 /Eira L. Corral  
County Engineer/County Superintendent of Highways/Municipal Clerk

**Note:** All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.

## INFORMATION FOR BIDDERS/GENERAL CONDITIONS

### 1. Proposal

All proposals must be on the forms provided in the bound copy of the specifications and contract stipulations hereto attached. All proposals must be legibly written in ink with all prices given in figures. Each proposal must be enclosed in a sealed envelope addressed to the Village Clerk, Village of Hanover Park, Illinois, and endorsed on the outside of the envelope, "Bid for Section No. 13-00000-01-GM, 2012 Resurfacing" and filed in the Village Clerk's office at Hanover Park, Illinois, prior to 11:00 a.m., April 3, 2012.

### 2. Special Notice

Bidders shall inform themselves of the condition of the site and applicable Village and State laws, obstacles to be encountered, and all other relevant matters concerning the work to be performed, and the Village shall not be obliged in any way by reason of any matter of thing concerning which such bidder might have so informed himself prior to the bidding.

### 3. Bid Award

Security deposited by unsuccessful bidders will be returned as soon as possible after the award is made and successful bidder has executed his contract and furnished contract bond.

### 4. Time of Completion

The successful bidder will be required to complete the work within the time stipulated in his proposal. It will be necessary for the bidder to satisfy the Village of his ability or as to his arrangements to execute the work within the time stipulated.

### 5. Bonds

Within ten (10) calendar days after acceptance of bid by the Village, the successful bidder shall furnish contract performance bond, acceptable to the Village in full amount of his contract.

### 6. Specifications

The ordinances and regulations of the Village of Hanover Park, the "Standard Specifications for Road and Bridge Construction", prepared by The Department of Transportation of the State of Illinois and adopted by said Department January 1, 2012, hereinafter known as "Standard Specifications", and the specifications and special provisions provided herein shall govern the construction of the proposed improvement designated as "Section No. 13-00000-01-GM, Resurfacing"

### 7. Definition

Anywhere in the specifications where the word Department is stated, Department shall be construed to mean the Village of Hanover Park.

8. **Responsibility**

The Contractor will be held responsible for any accidents due to his negligence. The Contractor shall provide barricades with flashers to mark any hazards created by construction, such as exposed manholes, pavement removal, areas of excavation, etc. The Engineer shall be the sole judge as to the acceptability of barricade placement.

9. **Prevailing Wages**

Not less than the prevailing rate of wages as found by the Village of Hanover Park or the Department of Labor as determined by the court on review shall be paid to all laborers, workmen and mechanics performing under this contract.

10. **Bid Bond**

A five (5%) percent bid bond, cashier's check, bank draft or certified check shall accompany all proposals.

11. **Prequalification**

Prequalification of all bidders in conformance with Section 102.01 of the Standard Specifications is required and proposal forms will only be issued to contractors who furnish a certified or photostatic copy of a "Certificate of Eligibility" issued by the Illinois Department of Transportation.

12. **Receiving Bids**

Bids received prior to the time of opening will be securely kept, unopened. The Village Clerk, whose duty it is to open them, will decide when the specified time has arrived, and no bid received thereafter will be considered. No responsibility will be attached to the Village Clerk or the Village for the premature or non-opening of a bid not properly addressed and identified, except as otherwise provided by law.

13. **Permits and Licenses**

The successful bidder shall obtain, at their own expense, all permits and licenses which may be required to complete the contract. Fees for all Village permits and licenses shall be waived.

14. **Waiver of Liens**

The Contractor shall procure, from each subcontractor and supplier of material or labor, a waiver of any claim which they may have under the mechanics lien laws of the State in which the work is located, to insure the Village immunity from mechanics liens on account of anything which is done by the Contractor or his subcontractors in carrying out the contract and any work orders for additions thereto, all as a condition of any payment by the Village on account of the contract. Any payments made by the Village without requiring compliance with this paragraph shall not be construed as a waiver of the Village of the right to require compliance with this paragraph as a condition of later payments.

The Contractor shall furnish with his request for final payment a complete release of all liens arising out of this contract, or receipts in full in lieu thereof and an affidavit that the releases and receipts include all labor and materials for which a lien could be filed.

15. **Forms**

All bids must be submitted on the forms provided, complete with all blank spaces filled in and properly signed in ink in the proper spaces and submitted in a sealed envelope. All bid forms may be obtained from the Office of the Village Clerk, 2121 West Lake Street, Hanover Park, IL 60133 and when completed delivered to the Office of the Village Clerk prior to the bid opening date and time. Bids must be identified as such on the outside of the sealed envelope by marking the envelope "SEALED BID" and with the following information: Company's name, address, item bid, date and time of opening. Bidders may attach separate sheets for the purpose of explanation, exception, or alternative proposal and to cover required unit prices.

16. **Examination of Bid Forms, Specifications, and Site**

The bidder shall carefully examine the bid forms which may include the invitation to bid, instruction to bidders, general conditions, special conditions, plans, specifications, bond, contract, and any addenda to them, and sites of the proposed work (when known) before submitting the bid. The submission of the bid shall be considered conclusive evidence that the bidder has investigated and is satisfied as to all conditions to be encountered in performing the work, and is fully informed as to character, quality, quantities, and costs of work to be performed and materials to be furnished, and as to the requirements of the bid forms. If the bid is accepted, the bidder will be responsible for all errors in his proposal resulting from his failure or neglect to comply with these instructions, and the Village shall not be responsible for any charge for extra work or change in anticipated profits resulting from such failure or neglect.

17. **Interpretation of Bid Documents**

Questions regarding bid documents, discrepancies, omissions, or intent of the specifications or plans shall be submitted in writing to the Village Clerk at least ten (10) working days prior to opening of bids to provide time for issuing and forwarding an addendum. Any interpretations of the Contract Documents will be made only by addendum duly issued or delivered by the Village to each person receiving a set of bid documents. The Village will not be responsible for any other explanations for interpretations of the Contract Documents.

Letters, requested interpretations, clarifications, and/or explanations shall be so noted on the outside of the envelope and on the first page of the letter with the words, INTERPRETATION REQUEST. Letters not properly marked will not be considered as a formal request. Any letter received within ten working days of the bid date will be returned unopened.

18. **Bid Guarantee**

Unless specifically waived, each bid shall be accompanied by a bid deposit in an amount of five percent (5%) of the full amount of the bid in the form of a certified or bank cashier's check or bid bond. In a reasonable time after the bid opening, bid deposits of all except the three lowest responsible bidders will be released. The remaining deposits will

be released after the successful bidder has entered into the contract and furnished the required insurance and bonds. The bid deposit shall become the property of the Village if the successful bidder within fourteen (14) days from awarding the contract refuses or is unable to comply with the contract requirements.

19. **Receiving Bids**

Bids received prior to the time of opening will be securely kept, unopened. The Village Clerk, whose duty it is to open them, will decide when the specified time has arrived, and no bid received thereafter will be considered. No responsibility will be attached to the Village Clerk or the Village for the premature or non-opening of a bid not properly addressed and identified, except as otherwise provided by law.

20. **Late and Fax Bids**

Bids arriving after the specified time, whether sent by mail, courier, or in person, will not be accepted and will be refused and returned unopened. It is the bidder's responsibility for timely delivery regardless of the methods used. Mailed bids which are delivered after the specified hour will not be accepted regardless of postmarked time on the envelope. Facsimile machine transmitted bids will not be accepted, nor will the Village transmit bid documents to prospective bidders by way of a facsimile machine.

21. **Completeness**

All information required by the Invitation to Bid must be supplied to constitute a responsive bid.

22. **Error in Bids**

When an error is made in extending total prices, the unit bid price and/or written words shall govern. Otherwise, the bidder is not relieved from errors in bid preparation. Erasures in bids must be explained over signature of bidder.

23. **Withdrawal of Bids**

A written request for the withdrawal of a bid or any part thereof may be granted if the request is received by the Village Clerk prior to the specified time of opening. After the opening, the bidder cannot withdraw or cancel his bid for a period of forty-five (45) calendar days, or such longer time as stated in the bid documents.

24. **Bidder Interested in More than One Bid**

Unless otherwise specified, if more than one bid is offered by any one party, by or in the name of his or their agent, partner, or other persons, all such bids may be rejected. A party who has quoted prices on work, materials, or supplies to other bidders is not thereby disqualified from quoting prices to other bidders or from submitting a bid directly for the work, materials, or supplies.

25. **Samples**

Samples or drawings requested shall be delivered and removed at no cost to the Village. The Village shall not be responsible for damage to samples. Samples shall be removed by the bidder within thirty (30) days after notification. Samples must be submitted prior to the time set for the opening of bids.

26. **Equipment or Materials**

Each bidder shall submit catalogs, descriptive literature, and detailed drawings necessary to fully describe those features or the material or work not covered in the specifications. The parts and materials bids must be of current date (latest model) and meet specifications. This provision excludes surplus, remanufactured, and used products except as an alternate bid. The brand name and/or manufacturer of each item proposed must be clearly stated. Guarantee and/or warranty information must be included with this bid.

27. **Estimated Bid Quantities**

On "Estimated Quantities", the Village may purchase more or less than the estimates. The Contractor shall not be required to deliver more than ten (10) percent in excess of the estimated quantity of each item, unless otherwise agreed upon.

28. **Trade Names – Alternative Bid**

When an item is identified in the specifications by a manufacturer's or trade name or catalog number, the bidder shall bid upon the item so identified.

If the specifications state "or equal" bids on other items will be considered, provided the bidder clearly identifies in his proposal the item to be furnished, together with any descriptive matter which will indicate the character of the item.

Bidders desiring to bid on items which deviate from these specifications, but which they believe are equivalent, are requested to submit alternate bids. However, ALTERNATE BIDS MUST BE CLEARLY INDICATED AS SUCH AND DEVIATIONS FROM THE APPLICABLE SPECIFICATIONS PLAINLY NOTED. The bid must be accompanied by complete specifications for the items offered. Bidders wishing to submit a secondary bid must submit it as an alternate bid.

The Village shall be the sole and final judge unequivocally as to whether any substitute from the specifications is of equivalent or better quality.

29. **Price**

Unit prices shall be shown for each unit on which there is a bid as well as the aggregate price and shall include all packing, crating, freight and shipping charges, and cost of unloading at the destination unless otherwise stated in the bid.

Unit prices shall not include any local, state, or federal taxes. The Village is exempt, by law, from paying State and Village Retailer's Occupation Tax, State Service Occupation and Use Tax and Federal Excise Tax. The Village will supply the successful bidder with its tax exemption number.

Cash discounts will not be considered in determining overall price, but may be used in an overall evaluation.

30. **Consideration of Bid**

No bid will be accepted from or contract awarded to any person, firm or corporation that is in arrears or is in default to the Village upon any debt or contract, or that is a defaulter, as surety or otherwise, upon any obligation to the Village or had failed to perform faithfully any previous contract with the Village.

The bidder, if requested, shall present within 48 hours evidence satisfactory to the Village of performance ability and possession of necessary facilities, pecuniary resources and adequate insurance to comply with the terms of these specifications and contract documents.

31. **Award or Rejection**

The Village reserves the right to reject and/or award any and all bids or parts thereof and to waive formalities and technicalities according to the best interests of the Village. Any bid submitted will be binding for forty-five (45) days subsequent to the date of the bid opening. A contract will be awarded to the lowest responsible bidder complying with the conditions of the contract documents only when it is in the best interest of the Village to accept the bid. The Village shall be the sole judge of compliance with the specifications and reserves the right to accept or reject any and/or all bids or parts thereof.

32. **Execution of Contract**

The successful bidder shall, within fourteen (14) days after notification of the award: (a) enter into a contract in writing with the Village covering all matters and things as are set forth in the specifications and his bid and (b) carry insurance acceptable to the Village, covering public liability, property damage, and workmen's compensation.

After the acceptance and award of the bid and upon receipt of a written purchase order executed by the proper officials of the Village, this Instruction to Bidders, including the specifications, will constitute part of the legal contract between the Village of Hanover Park and the successful bidder.

33. **Payment**

Final payment will be made within thirty (30) days after acceptance of the job by the Village after the completion of the work as covered within the contract documents. Periodic progress payments will also be paid with a 10% retainage held until final acceptance.

34. **Compliance with All Laws**

All work under the contract must be executed in accordance with all applicable federal, state, and local laws, ordinances, rules, and regulations which may in any manner affect the preparation of the bid or performance of the contract. This includes paying the prevailing rate of wages as established by the Village which requires that the Contractor and each subcontractor pay its laborers, workers, and mechanics constructing public works under this contract not less than the prevailing wages as determined by the Illinois Department of Labor pursuant to the Prevailing Wage Act (820 ILCS 130/0.01 et seq.). It shall be the responsibility of the Contractor to monitor the prevailing wage rates for any increase in rates during the contract and adjust wage rates accordingly. The current prevailing wage rates are available on the Illinois Department of Labor web site at [www.state.il.us/agency/idol](http://www.state.il.us/agency/idol) or by calling the Village of Hanover Park at 630-823-5700.

The Contractor and its subcontractors shall comply with Section 5 of the Act that requires the Contractor and its subcontractors to submit to the Village monthly certified payroll records along with a statement affirming that such records are true and accurate, that the wages paid to each worker are not less than the required prevailing rate and that the Contractor or subcontractor is aware that filing records it knows to be false is a Class B misdemeanor. Each month's certified payroll(s) must be filed with the Village before the end of the next month or prior to payment by the Village for work that includes that payroll.

35. **Contract Alterations**

No amendment of a contract shall be valid unless made in writing and signed by the Village Manager or his authorized agent.

36. **Notices**

All notices required by the contract shall be given in writing.

37. **Nonassignability**

The Contractor shall not assign the contract, or any part thereof, to any other person, firm, or corporation without the previous written consent of the Village Manager. Such assignment shall not relieve the Contractor from his obligations, or change the terms of the contract.

38. **Indemnity**

To the fullest extent permitted by law, the Contractor hereby agrees to defend, indemnify, and hold harmless the Village, its officials, agents, and employees, against all injuries, deaths, loss, damages, claims, patent claims, suits, liabilities, judgments, cost, and expenses, which may in anywise accrue against the Village, its officials, agents, and employees, arising in whole or in part or in consequence of the performance of this work by the Contractor, its employees, or subcontractors, or which may anywise result

therefore, except that arising out of the sole legal cause of the Village, its agents, or employees, the Contractor shall, at its own expense, appear, defend, and pay all charges of attorneys and all costs and other expenses arising therefore or incurred in connections therewith, and, if any judgment shall be rendered against the Village, its officials, agents, and employees, in any such action, the Contractor shall, at its own expense, satisfy and discharge the same.

Contractor expressly understands and agrees that any performance bond or insurance policies required by this contract, or otherwise provided by the Contractor, shall in no way limit the responsibility to indemnify, keep, and save harmless and defend the Village, its officials, agents, and employees as herein provided.

39. **Equal Employment Opportunity**

During the performance of the contract and/or supplying of materials, equipment, and suppliers, bidder must be in full compliance with all provisions of the Acts of the General Assembly of the State of Illinois relating to employment, including equal opportunity requirements.

40. **Default**

The Village may terminate a contract by written notice of default to the Contractor if:

- a. The Contractor fails to make delivery of the materials or perform the services within the time specified in the proposal, or
- b. fails to make progress so as to endanger performance of the contract, or
- c. fails to provide or maintain in full force and effect, the liability and indemnification coverage's or performance bond as required.

If the Village terminates the contract, the Village may procure supplies or services similar to those so terminated, and the Contractor shall be liable to the Village for any excess costs for similar supplies and services, unless the Contractor provides acceptable evidence that failure to perform the contract was due to causes beyond the control and without the fault or negligence of the Contractor.

41. **Inspection**

The Village shall have a right to inspect, by its authorized representative, any material, components, or workmanship as herein specified. Materials, components, or workmanship that have been rejected by the authorized representative as not in accordance with the terms of the specifications shall be replaced by the Contractor at no cost to the Village.

42. **Supplementary Conditions**

Wherever special conditions are written into the specifications or supplementary conditions which are in conflict with conditions stated in these Instructions to Bidder, the conditions stated in the specifications or supplementary conditions shall take precedence.

43. **Insurance**

Contractor shall procure and maintain, for the duration of the contract, insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the performance of the work hereunder by the Contractor, his agents, representatives, employees, or subcontractors.

In submission of a bid, the bidder is certifying that he has all insurance coverage's required by law or would normally be expected for bidder's type of business. In addition, the bidder is certifying that he has or will obtain at least the insurance coverage's on the attached Liability Insurance Contract Specifications.

**Minimum Scope of Insurance**

Coverage shall be at least as broad as:

- A. Insurance Services Office Commercial General Liability Occurrence Form CG 0001 with the Village named as additional insured, including ISO Additional Insured Endorsement CG 2010 Pre-2004 version, CG 2026 Pre-2004 version.

**CG2037 - Completed Operations – Required if box is checked**

- B. Owners and Contractors Protective Liability (OCP) policy with the Village as insured

**Required if box is checked**

- C. Insurance Service Office Business Auto Liability Coverage Form Number CA 0001, Symbol 01 "Any Auto."

- D. Workers' Compensation as required by the Workers' Compensation Act of the State of Illinois and Employers' Liability insurance.

**Coverage required for employee exposure to lead, if box is checked**

- E. Builder Risk Property Coverage with Village as loss payee.

**Required if box is checked**

- F. Environmental Impairment/Pollution Liability Coverage for pollution incidents as a result of a claim for bodily injury, property damage, or remediation costs from an incident at, on, or mitigating beyond the contracted work site. Coverage shall be extended to non-owned disposal sites resulting from a pollution incident at, on, or mitigating beyond the site; and also provide coverage for incidents occurring during transportation of pollutants.

**Required if box is checked**

### **Minimum Limits of Insurance**

Contractor shall maintain limits no less than the following, **if required under above scope:**

- A. Commercial General Liability: \$1,000,000 combined single limit per occurrence for bodily injury and property damage and \$1,000,000 per occurrence for personal injury. The general aggregate shall be twice the required occurrence limit. Minimum General Aggregate shall be no less than \$2,000,000 or a project/contract specific aggregate of \$1,000,000.
- B. Owners and Contractors Protective Liability (OCP): \$1,000,000 combined single limit per occurrence for bodily injury and property damage.
- C. Business Automobile Liability: \$1,000,000 combined single limit per accident for bodily injury and property damage.
- D. Workers' Compensation and Employers' Liability: Workers' Compensation coverage with statutory limits and Employers' Liability limits of \$500,000 per accident.
- E. Builder's Risk: Shall insure against "All Risk" of physical damage, including water damage (flood and hydrostatic pressure not excluded) on a completed replacement cost basis.
- F. Environmental Impairment/Pollution Liability: \$1,000,000 combined single limit per occurrence for bodily injury, property damage, and remediation costs.

### **Deductibles and Self-Insured Retentions**

Any deductibles or self-insured retentions must be declared to and approved by the Village. At the option of the Village, either the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the Village, its officials, agents, employees, and volunteers, or the Contractor shall procure a bond guaranteeing payment of losses and related investigation, claim administration, and defense expenses.

### **Other Insurance Provisions**

The policies are to contain, or be endorsed to contain, the following provisions:

- A. **General Liability and Automobile Liability Coverages**
  - 1. The Village, its officials, agents, employees, and volunteers are to be covered as additional insureds as respects: liability arising out of the Contractor's work, including activities performed by or on behalf of the Contractor; products and completed operations of the Contractor; premises owned, leased, or used by the Contractor; or automobiles owned, leased, hired, or borrowed by the Contractor. The coverage shall contain no special

limitations on the scope of protection afforded to the Village, its officials, agents, employees, and volunteers.

2. The Contractor's insurance coverage shall be primary as respects the Village, its officials, agents, employees, and volunteers. Any insurance or self-insurance maintained by the Village, its officials, agents, employees, and volunteers shall be excess of Contractor's insurance and shall not contribute with it.
3. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the Village, its officials, agents, employees, and volunteers.
4. The Contractor's insurance shall contain a Severability of Interests/Cross Liability clause or language stating that Contractor's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.
5. If any commercial general liability insurance is being provided under an excess or umbrella liability policy that does not "follow form," then the Contractor shall be required to name the Village, its officials, agents, employees, and volunteers as additional insureds.
6. All general liability coverages shall be provided on an occurrence policy form. Claims-made general liability policies will not be accepted.

**B. Workers' Compensation and Employers' Liability Coverage**

The insurer shall agree to waive all rights of subrogation against the Village, its officials, agents, employees, and volunteers for losses arising from work performed by Contractor for the Village.

1. NCCI Alternate Employer Endorsement (WC 000301) in place to insure that workers' compensation coverage applies under Contractor's coverage rather than Village's if the Village is borrowing, leasing, or in day-to-day control of Contractor's employee.

**Required if box is checked**

**C. Professional Liability (Required if box is checked )**

Professional liability insurance with limits not less than as required in the attached exhibit.

**D. All Coverages**

Each insurance policy required by this clause shall be endorsed to state that coverage shall not be suspended, voided, cancelled, reduced in coverage, or in limits except after thirty (30) days prior written notice by certified mail, return receipt requested, has been given to the Village.

### **Acceptability of Insurers**

Insurance is to be placed with insurers with a Best's rating of no less than A-, VII and licensed to do business in the State of Illinois.

### **Verification of Coverage**

Contractor shall furnish the Village with certificates of insurance naming the Village, its officials, agents, employees, and volunteers as additional insureds, and with original endorsements affecting coverage required by this clause. The certificates and endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The certificates and endorsements may be on forms provided by the Village and are to be received and approved by the Village before any work commences. Other additional insured endorsements may be utilized, if they provide a scope of coverage at least as broad as the coverage such as ISO Additional Insured Endorsements CG 2010 or CG 2026. The Village reserves the right to request full certified copies of the insurance policies and endorsements.

### **Subcontractors**

Contractor shall include all subcontractors as insureds under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverages for subcontractors shall be subject to all of the requirements stated herein.

### **Assumption of Liability**

The Contractor assumes liability for all injury to or death of any person or persons including employees of the Contractor, any subcontractor, any supplier, or any other person and assumes liability for all damage to property sustained by any person or persons occasioned by or in any way arising out of any work performed pursuant to this agreement.

Section Number 13 - 00000 - 01 - GM

 Municipality Hanover Park

Location			Surface			Maintenance Operation		
Street	From	To	Existing Type	Length	Width	No.	Description	Quantity & Unit
Yorkshire Dr	Asbury Cir	Village Limit	BIT	2629	37	1	HMA SURFACE (TONS)	777
						2	LEVELING BINDER (MACHINE METHOD), N50	466
						3	HMA SURF REMOVAL (SY)	10808
						4	BIT MATL (PRIME) (TONS)	4.32
						5	CURB & GUTTER R&R, M3.12 (LF)	1577
						6	PAVEMENT PATCHING, CLASS "D", 4" (SY)	757
						7	PAVEMENT PATCHING, CLASS "D", 6" (SY)	0
						8	DRAIN STRUCT REBUILD (EA)	0
						9	MH ADJUST (EA)	2
						10	PCC SIDEWALK R&R (SF)	25
						11	DETECTABLE WARNINGS (SF)	15
Park Ave	Church St	Pine Tree St	BIT	1031	24	1	HMA SURFACE (TONS)	198
						2	LEVELING BINDER (MACHINE METHOD), N50	119
						3	HMA SURF REMOVAL (SY)	2749
						4	BIT MATL (PRIME) (TONS)	1.10
						5	CURB & GUTTER R&R, M3.12 (LF)	619
						6	PAVEMENT PATCHING, CLASS "D", 4" (SY)	192
						7	PAVEMENT PATCHING, CLASS "D", 6" (SY)	0
						8	DRAIN STRUCT REBUILD (EA)	1
						9	MH ADJUST (EA)	1
						10	PCC SIDEWALK R&R (SF)	25
						11	DETECTABLE WARNINGS (SF)	15
Magnolia St	Walnut Ave	Park Ave	BIT	780	24	1	HMA SURFACE (TONS)	150
						2	LEVELING BINDER (MACHINE METHOD), N50	90
						3	HMA SURF REMOVAL (SY)	2080
						4	BIT MATL (PRIME) (TONS)	0.83
						5	CURB & GUTTER R&R, M3.12 (LF)	468
						6	PAVEMENT PATCHING, CLASS "D", 4" (SY)	146
						7	PAVEMENT PATCHING, CLASS "D", 6" (SY)	0
						8	DRAIN STRUCT REBUILD (EA)	0

Submit Four (4) copies to Regional Engineer

Section Number 13- 00000 - 01 - GM

 Municipality Hanover Park

Location			Surface			Maintenance Operation		
Street	From	To	Existing Type	Length	Width	No.	Description	Quantity & Unit
						9	MH ADJUST (EA)	0
						10	PCC SIDEWALK R&R (SF)	25
						11	DETECTABLE WARNINGS (SF)	15
Kensington Ln	Yorkshire Dr	Dead End	BIT	742	24	1	HMA SURFACE (TONS)	142
						2	LEVELING BINDER (MACHINE METHOD), N50	85
						3	HMA SURF REMOVAL (SY)	1979
						4	BIT MATL (PRIME) (TONS)	0.79
						5	CURB & GUTTER R&R, M3.12 (LF)	445
						6	PAVEMENT PATCHING, CLASS "D", 4" (SY)	139
						7	PAVEMENT PATCHING, CLASS "D", 6" (SY)	0
						8	DRAIN STRUCT REBUILD (EA)	0
						9	MH ADJUST (EA)	0
						10	PCC SIDEWALK R&R (SF)	25
						11	DETECTABLE WARNINGS (SF)	15
Edgebrook Ln	Walnut Ave	Westchester Dr	BIT	1149	24	1	HMA SURFACE (TONS)	220
						2	LEVELING BINDER (MACHINE METHOD), N50	132
						3	HMA SURF REMOVAL (SY)	3064
						4	BIT MATL (PRIME) (TONS)	1.23
						5	CURB & GUTTER R&R, M3.12 (LF)	689
						6	PAVEMENT PATCHING, CLASS "D", 4" (SY)	214
						7	PAVEMENT PATCHING, CLASS "D", 6" (SY)	0
						8	DRAIN STRUCT REBUILD (EA)	0
						9	MH ADJUST (EA)	0
						10	PCC SIDEWALK R&R (SF)	25
						11	DETECTABLE WARNINGS (SF)	15
Laurel Ave	East Ave	Church St	BIT	1285	27	1	HMA SURFACE (TONS)	277
						2	LEVELING BINDER (MACHINE METHOD), N50	166
						3	HMA SURF REMOVAL (SY)	3855

Submit Four (4) copies to Regional Engineer

Section Number 13-00000-01-GM

 Municipality Hanover Park

Location			Surface			Maintenance Operation		
Street	From	To	Existing Type	Length	Width	No.	Description	Quantity & Unit
						4	BIT MATL (PRIME) (TONS)	1.54
						5	CURB & GUTTER R&R, M3.12 (LF)	771
						6	PAVEMENT PATCHING, CLASS "D", 4" (SY)	270
						7	PAVEMENT PATCHING, CLASS "D", 6" (SY)	0
						8	DRAIN STRUCT REBUILD (EA)	4
						9	MH ADJUST (EA)	0
						10	PCC SIDEWALK R&R (SF)	25
						11	DETECTABLE WARNINGS (SF)	15
Essex Ct	Arlington Dr	Dead End	BIT	840	24	1	HMA SURFACE (TONS)	161
						2	LEVELING BINDER (MACHINE METHOD), N50	97
						3	HMA SURF REMOVAL (SY)	2240
						4	BIT MATL (PRIME) (TONS)	0.90
						5	CURB & GUTTER R&R, M3.12 (LF)	504
						6	PAVEMENT PATCHING, CLASS "D", 4" (SY)	157
						7	PAVEMENT PATCHING, CLASS "D", 6" (SY)	0
						8	DRAIN STRUCT REBUILD (EA)	1
						9	MH ADJUST (EA)	0
						10	PCC SIDEWALK R&R (SF)	25
						11	DETECTABLE WARNINGS (SF)	15
Hillcrest Ave	Barrington Rd	Highland St	BIT	1511	24	1	HMA SURFACE (TONS)	290
						2	LEVELING BINDER (MACHINE METHOD), N50	174
						3	HMA SURF REMOVAL (SY)	4029
						4	BIT MATL (PRIME) (TONS)	1.61
						5	CURB & GUTTER R&R, M3.12 (LF)	907
						6	PAVEMENT PATCHING, CLASS "D", 4" (SY)	282
						7	PAVEMENT PATCHING, CLASS "D", 6" (SY)	0
						8	DRAIN STRUCT REBUILD (EA)	0
						9	MH ADJUST (EA)	2
						10	PCC SIDEWALK R&R (SF)	25
						11	DETECTABLE WARNINGS (SF)	15

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Section Number 13- 00000 - 01 - GM

 Municipality Hanover Park

Location			Surface			Maintenance Operation		
Street	From	To	Existing Type	Length	Width	No.	Description	Quantity & Unit
Windjammer Ln	County Farm Rd	Nautilus Ln	BIT	3676	24	1	HMA SURFACE (TONS)	705
						2	LEVELING BINDER (MACHINE METHOD), N50	423
						3	HMA SURF REMOVAL (SY)	9803
						4	BIT MATL (PRIME) (TONS)	3.92
						5	CURB & GUTTER R&R, M3.12 (LF)	2206
						6	PAVEMENT PATCHING, CLASS "D", 4" (SY)	686
						7	PAVEMENT PATCHING, CLASS "D", 6" (SY)	0
						8	DRAIN STRUCT REBUILD (EA)	1
						9	MH ADJUST (EA)	5
						10	PCC SIDEWALK R&R (SF)	25
						11	DETECTABLE WARNINGS (SF)	15
Seaview Dr	Windjammer Ln	Nautilus Ln	BIT	1022	24	1	HMA SURFACE (TONS)	196
						2	LEVELING BINDER (MACHINE METHOD), N50	118
						3	HMA SURF REMOVAL (SY)	2725
						4	BIT MATL (PRIME) (TONS)	1.09
						5	CURB & GUTTER R&R, M3.12 (LF)	613
						6	PAVEMENT PATCHING, CLASS "D", 4" (SY)	191
						7	PAVEMENT PATCHING, CLASS "D", 6" (SY)	0
						8	DRAIN STRUCT REBUILD (EA)	1
						9	MH ADJUST (EA)	1
						10	PCC SIDEWALK R&R (SF)	25
						11	DETECTABLE WARNINGS (SF)	15
Easton Ct	Arlington Dr	Dead End	BIT	698	24	1	HMA SURFACE (TONS)	134
						2	LEVELING BINDER (MACHINE METHOD), N50	80
						3	HMA SURF REMOVAL (SY)	1861
						4	BIT MATL (PRIME) (TONS)	0.74
						5	CURB & GUTTER R&R, M3.12 (LF)	419
						6	PAVEMENT PATCHING, CLASS "D", 4" (SY)	130
						7	PAVEMENT PATCHING, CLASS "D", 6" (SY)	0
						8	DRAIN STRUCT REBUILD (EA)	1

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Location			Surface			Maintenance Operation		
Street	From	To	Existing Type	Length	Width	No.	Description	Quantity & Unit
						9	MH ADJUST (EA)	0
						10	PCC SIDEWALK R&R (SF)	25
						11	DETECTABLE WARNINGS (SF)	15
Downey Ct	Andover Dr	Dead End	BIT	316	24	1	HMA SURFACE (TONS)	61
						2	LEVELING BINDER (MACHINE METHOD), N50	36
						3	HMA SURF REMOVAL (SY)	843
						4	BIT MATL (PRIME) (TONS)	0.34
						5	CURB & GUTTER R&R, M3.12 (LF)	190
						6	PAVEMENT PATCHING, CLASS "D", 4" (SY)	59
						7	PAVEMENT PATCHING, CLASS "D", 6" (SY)	0
						8	DRAIN STRUCT REBUILD (EA)	0
						9	MH ADJUST (EA)	0
						10	PCC SIDEWALK R&R (SF)	25
						11	DETECTABLE WARNINGS (SF)	15
Strathmore Dr	Yorkshire Dr	Ramblewood Dr	BIT	682	24	1	HMA SURFACE (TONS)	131
						2	LEVELING BINDER (MACHINE METHOD), N50	78
						3	HMA SURF REMOVAL (SY)	1819
						4	BIT MATL (PRIME) (TONS)	0.73
						5	CURB & GUTTER R&R, M3.12 (LF)	409
						6	PAVEMENT PATCHING, CLASS "D", 4" (SY)	127
						7	PAVEMENT PATCHING, CLASS "D", 6" (SY)	0
						8	DRAIN STRUCT REBUILD (EA)	1
						9	MH ADJUST (EA)	0
						10	PCC SIDEWALK R&R (SF)	25
						11	DETECTABLE WARNINGS (SF)	15
Brookside Ct	Brookside Dr	Dead End	BIT	309	24	1	HMA SURFACE (TONS)	59
						2	LEVELING BINDER (MACHINE METHOD), N50	36
						3	HMA SURF REMOVAL (SY)	824
						4	BIT MATL (PRIME) (TONS)	0.33
						5	CURB & GUTTER R&R, M3.12 (LF)	185
						6	PAVEMENT PATCHING, CLASS "D", 4" (SY)	58

Submit Four (4) copies to Regional Engineer

Section Number 13-00000 - 01 - GM

Municipality Hanover Park

Location			Surface			Maintenance Operation		
Street	From	To	Existing Type	Length	Width	No.	Description	Quantity & Unit
						7	PAVEMENT PATCHING, CLASS "D", 6" (SY)	0
						8	DRAIN STRUCT REBUILD (EA)	0
						9	MH ADJUST (EA)	0
						10	PCC SIDEWALK R&R (SF)	25
						11	DETECTABLE WARNINGS (SF)	15
Sandpiper Dr	Army Trail Rd	Windward Ln	BIT	786	24	1	HMA SURFACE (TONS)	151
						2	LEVELING BINDER (MACHINE METHOD), N50	90
						3	HMA SURF REMOVAL (SY)	2096
						4	BIT MATL (PRIME) (TONS)	0.84
						5	CURB & GUTTER R&R, M3.12 (LF)	472
						6	PAVEMENT PATCHING, CLASS "D", 4" (SY)	147
						7	PAVEMENT PATCHING, CLASS "D", 6" (SY)	0
						8	DRAIN STRUCT REBUILD (EA)	0
						9	MH ADJUST (EA)	1
						10	PCC SIDEWALK R&R (SF)	25
						11	DETECTABLE WARNINGS (SF)	15
Niven Ln	Cinema Dr	Dead End	BIT	0	0	1	HMA SURFACE (TONS)	0
						2	LEVELING BINDER (MACHINE METHOD), N50	0
						3	HMA SURF REMOVAL (SY)	0
						4	BIT MATL (PRIME) (TONS)	0.00
						5	CURB & GUTTER R&R, M3.12 (LF)	0
						6	PAVEMENT PATCHING, CLASS "D", 4" (SY)	0
						7	PAVEMENT PATCHING, CLASS "D", 6" (SY)	606
						8	DRAIN STRUCT REBUILD (EA)	0
						9	MH ADJUST (EA)	0
						10	PCC SIDEWALK R&R (SF)	0
						11	DETECTABLE WARNINGS (SF)	0
Sinatra Ln	Cinema Dr	Dead End	BIT	0	0	1	HMA SURFACE (TONS)	0
						2	LEVELING BINDER (MACHINE METHOD), N50	0
						3	HMA SURF REMOVAL (SY)	0
						4	BIT MATL (PRIME) (TONS)	0.00



INDEX  
FOR  
SUPPLEMENTAL SPECIFICATIONS  
AND RECURRING SPECIAL PROVISIONS

Adopted January 1, 2012

This index contains a listing of SUPPLEMENTAL SPECIFICATIONS, frequently used RECURRING SPECIAL PROVISIONS, and LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS.

No ERRATA this year.

SUPPLEMENTAL SPECIFICATIONS

Std. Spec. Sec.

Page No.

No Supplemental Specifications this year.

CHECK SHEET  
FOR  
RECURRING SPECIAL PROVISIONS

Adopted January 1, 2012

The following RECURRING SPECIAL PROVISIONS indicated by an "X" are applicable to this contract and are included by reference:

<u>CHECK SHEET #</u>	<u>RECURRING SPECIAL PROVISIONS</u>	<u>PAGE NO.</u>
1	<input type="checkbox"/> Additional State Requirements For Federal-Aid Construction Contracts (Eff. 2-1-69) (Rev. 1-1-10) .....	1
2	<input type="checkbox"/> Subletting of Contracts (Federal-Aid Contracts) (Eff. 1-1-88) (Rev. 5-1-93) .....	4
3	<input type="checkbox"/> EEO (Eff. 7-21-78) (Rev. 11-18-80) .....	5
4	<input type="checkbox"/> Specific Equal Employment Opportunity Responsibilities Non Federal-Aid Contracts (Eff. 3-20-69) (Rev. 1-1-94) .....	15
5	<input type="checkbox"/> Required Provisions - State Contracts (Eff. 4-1-65) (Rev. 1-1-12) .....	20
6	<input type="checkbox"/> Asbestos Bearing Pad Removal (Eff. 11-1-03) .....	25
7	<input type="checkbox"/> Asbestos Waterproofing Membrane and Hot-Mix Asphalt Surface Removal (Eff. 6-1-89) (Rev. 1-1-09) .....	26
8	<input type="checkbox"/> Haul Road Stream Crossings, Other Temporary Stream Crossings, and In-Stream Work Pads (Eff. 1-2-92) (Rev. 1-1-98) .....	27
9	<input type="checkbox"/> Construction Layout Stakes Except for Bridges (Eff. 1-1-99) (Rev. 1-1-07) .....	28
10	<input type="checkbox"/> Construction Layout Stakes (Eff. 5-1-93) (Rev. 1-1-07) .....	31
11	<input type="checkbox"/> Use of Geotextile Fabric for Railroad Crossing (Eff. 1-1-95) (Rev. 1-1-07) .....	34
12	<input type="checkbox"/> Subsealing of Concrete Pavements (Eff. 11-1-84) (Rev. 1-1-07) .....	36
13	<input type="checkbox"/> Hot-Mix Asphalt Surface Correction (Eff. 11-1-87) (Rev. 1-1-09) .....	40
14	<input type="checkbox"/> Pavement and Shoulder Resurfacing (Eff. 2-1-00) (Rev. 1-1-09) .....	42
15	<input type="checkbox"/> PCC Partial Depth Hot-Mix Asphalt Patching (Eff. 1-1-98) (Rev. 1-1-07) .....	43
16	<input type="checkbox"/> Patching with Hot-Mix Asphalt Overlay Removal (Eff. 10-1-95) (Rev. 1-1-07) .....	45
17	<input type="checkbox"/> Polymer Concrete (Eff. 8-1-95) (Rev. 1-1-08) .....	46
18	<input type="checkbox"/> PVC Pipeliner (Eff. 4-1-04) (Rev. 1-1-07) .....	48
19	<input type="checkbox"/> Pipe Underdrains (Eff. 9-9-87) (Rev. 1-1-07) .....	49
20	<input type="checkbox"/> Guardrail and Barrier Wall Delineation (Eff. 12-15-93) (Rev. 1-1-12) .....	50
21	<input type="checkbox"/> Bicycle Racks (Eff. 4-1-94) (Rev. 1-1-12) .....	54
22	<input type="checkbox"/> Temporary Modular Glare Screen System (Eff. 1-1-00) (Rev. 1-1-07) .....	56
23	<input type="checkbox"/> Temporary Portable Bridge Traffic Signals (Eff. 8-1-03) (Rev. 1-1-07) .....	58
24	<input type="checkbox"/> Work Zone Public Information Signs (Eff. 9-1-02) (Rev. 1-1-07) .....	60
25	<input type="checkbox"/> Night Time Inspection of Roadway Lighting (Eff. 5-1-96) .....	61
26	<input type="checkbox"/> English Substitution of Metric Bolts (Eff. 7-1-96) .....	62
27	<input type="checkbox"/> English Substitution of Metric Reinforcement Bars (Eff. 4-1-96) (Rev. 1-1-03) .....	63
28	<input type="checkbox"/> Calcium Chloride Accelerator for Portland Cement Concrete (Eff. 1-1-01) .....	64
29	<input type="checkbox"/> Portland Cement Concrete Inlay or Overlay for Pavements (Eff. 11-1-08) (Rev. 1-1-12) .....	65
30	<input type="checkbox"/> Quality Control of Concrete Mixtures at the Plant (Eff. 8-1-00) (Rev. 1-1-09) .....	68
31	<input type="checkbox"/> Quality Control/Quality Assurance of Concrete Mixtures (Eff. 4-1-92) (Rev. 1-1-09) .....	76

CHECK SHEET  
FOR  
LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS

Adopted January 1, 2012

The following LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS indicated by an "X" are applicable to this contract and are included by reference:

LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS

<u>CHECK SHEET #</u>		<u>PAGE NO.</u>
LRS 1	Reserved.....	89
LRS 2	<input type="checkbox"/> Furnished Excavation (Eff. 1-1-99) (Rev. 1-1-07).....	90
LRS 3	<input checked="" type="checkbox"/> Work Zone Traffic Control (Eff. 1-1-99) (Rev. 1-1-10).....	91
LRS 4	<input checked="" type="checkbox"/> Flaggers in Work Zones (Eff. 1-1-99) (Rev. 1-1-07).....	92
LRS 5	<input checked="" type="checkbox"/> Contract Claims (Eff. 1-1-02) (Rev. 1-1-07).....	93
LRS 6	<input checked="" type="checkbox"/> Bidding Requirements and Conditions for Contract Proposals (Eff. 1-1-02) (Rev. 1-1-12).....	94
LRS 7	<input type="checkbox"/> Bidding Requirements and Conditions for Material Proposals (Eff. 1-1-02) (Rev. 1-1-12).....	100
LRS 8	Reserved.....	106
LRS 9	<input type="checkbox"/> Bituminous Surface Treatments (Eff. 1-1-99) (Rev. 1-1-11).....	107
LRS 10	Reserved.....	108
LRS 11	<input checked="" type="checkbox"/> Employment Practices (Eff. 1-1-99).....	109
LRS 12	<input checked="" type="checkbox"/> Wages of Employees on Public Works (Eff. 1-1-99) (Rev. 1-1-10).....	111
LRS 13	<input type="checkbox"/> Selection of Labor (Eff. 1-1-99)(Rev. 1-1-12).....	112
LRS 14	<input type="checkbox"/> Paving Brick and Concrete Paver Pavements and Sidewalks (Eff. 1-1-04) (Rev. 1-1-09).....	113
LRS 15	<input checked="" type="checkbox"/> Partial Payments (Eff. 1-1-07).....	116
LRS 16	<input type="checkbox"/> Protests on Local Lettings (Eff. 1-1-07).....	117
LRS 17	<input checked="" type="checkbox"/> Substance Abuse Prevention Program (Eff. 1-1-08)(Rev. 1-8-08).....	118

**STATE OF ILLINOIS  
SPECIAL PROVISIONS**

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction," adopted January 1, 2012, the latest edition of the "Illinois Manual on Uniform Traffic Control Devices for Streets and Highways", and the "Manual of Test Procedures of Materials" in effect on the date of invitation for bids, and the "Supplemental Specifications and recurring Special Provisions adopted January 1, 2011, indicated on the Check Sheet included herein which apply to and govern the proposed improvement designated as Section 13-00000-01-GM and in case of conflict with any part or parts of said specifications, the said Special Provisions shall take precedence and shall govern.

**Prequalification of Bidders**

In accordance with special provision LRS6 of the Standard Specifications prequalification will be required of all bidders on this proposal.

**Project Description**

This project shall consist of the hot mix asphalt overlay (1 1/4" plus 3/4" leveling binder) on 11 various Hanover Park streets. Prior to the overlays, preparatory work will be done consisting of pavement milling, pavement patching, manhole adjustments, rebuilding drainage structures, curb and gutter and sidewalk removal and replacement. No construction work shall begin prior to 7:00 a.m. The contractor shall contact the Village's material inspector, who will be designated at the preconstruction meeting, a minimum of 48 hours prior to any material deliveries.

**Project Location**

The work specified herein shall be performed on the Village streets specified on Form BLR 14232 and shown on the attached Exhibit "D".

**Bituminous Materials - (Prime Coat)**

Prime coat shall be in accordance with Article 406.02 of the Standard Specifications.

The rate of application shall be .05 to .10 gallons per square yard as determined by the Engineer prior to application.

For bidding purposes only, a figure of .10 gallons per square yard will be assumed. This item will be paid for at the contract unit price per actual ton applied.

Prime coat shall not be down for more than five (5) calendar days before the overlay is constructed. If more than five (5) days elapses, the Contractor will be required to reprime at his own expense. If deemed necessary by the engineer, sand shall be spread on the primed pavement, the cost of which shall be considered incidental.

The Contractor shall supply "Fresh Oil" signs and manpower to handle such signs as directed by the Engineer prior to application of this material. These signs shall be in accordance with the Illinois Manual on Uniform Traffic Control Devices and shall be the orange metallic type. Small paper or cardboard signs will not be acceptable.

**Manholes To Be Adjusted**

This item shall consist of all work necessary to adjust the grade of existing manholes to conform to the finished pavement grade. It will also consist of adjustment of existing storm sewer grates at locations where curb and gutter is replaced and shall include any patching needed on the inlet

structure and shall also include replacing existing masonry blocks up to a depth of 24 inches as directed by the engineer. Work shall be in accordance with the applicable portions of Section 602 of the "Standard Specifications."

If excavation is necessary to achieve the adjustment, the hole formed around the casting shall be filled with Class "SI" concrete. Rubber or high density polyethylene adjusting rings along with the manufacturer's recommended sealant shall be required to bring the adjacent pavement back to grade. Concrete adjustment rings will not be allowed. Any manhole damaged by the Contractor shall be repaired or be replaced, if necessary at his expense.

All work shall be performed in a manner approved by the Village Engineer.

This work will be paid for at the contract unit price each for manholes to be adjusted.

**Hot Mix Asphalt Surface Removal**

This work shall consist of removing the existing hot mix asphalt surface from those areas as directed by the Engineer.

This work shall be done in accordance with applicable portions of Section 440 and the following:

In those areas where removal is required to construct a butt joint with the existing pavement, the existing surface shall be removed to a depth of two inches (2").

This item shall consist of the removal of a six-foot (6') wide wedge of existing hot mix asphalt surface at the overlay terminus points (butt joints) and a three-foot (3') wide wedge of existing hot mix asphalt surface at existing curbs, both of which are detailed on Exhibit "A", for the following streets:

STREET	FROM	TO
None		

The remaining streets will require hot mix asphalt surface removal to a depth of two inches (2") for the entire width and length of the street. In addition, Park Ave., Edgebrook Ln., and Magnolia St. will require hot mix asphalt surface removal to a depth of approximately 4-5" for the center 12' of the pavement to reduce the existing crown. No additional compensation will be given for the extra depth on these three streets.

Hot mix asphalt surface removal "grindings" shall not be stock piled but removed from the area of work on a daily basis. The areas of collected "grindings" shall be swept clean as part of the removal procedure.

If the edge attained does not meet with the Engineer's specifications, he may require the Contractor to saw cut a new edge at his own expense.

The location of the butt joints included in these specifications shall be marked with orange or pink paint on the pavement by the Engineer. Section 440.08 shall be revised as follows:

Basis of Payment:

This work shall be paid for at the contract unit price per square yard for HOT MIX ASPHALT SURFACE REMOVAL, including any required saw cutting.

### **PCC Sidewalk Removal and Replacement**

All public walks requiring replacement shall be not less than five (5) inches thick (6" at driveways) class "SI" Portland concrete cement poured on a two (2) inch compacted granular sub-base of a width to match the existing walkways or as designated by the Engineer. The Engineer will mark all public walkways to be replaced with an orange or pink "X".

All public walks removed and replaced shall be in accordance with the applicable portions of Sections 440, 424 and 1001 of the "Standard Specifications" and the Illinois Accessibility Code Standard 424001. A large majority of the sidewalk will be curb ramps and shall require the inverted domes detectable warnings in accordance with Standard 424001. The color shall be color number 30166 of Federal Standard 595 and shall be an integral part of the concrete. Precast panels made of a composite polymer material manufactured by ARMORCAST or approved equal will also be allowed.

Basis of Payment:

This work shall be paid for at the contract unit price per square foot for PCC SIDEWALK REMOVAL AND REPLACEMENT and at the contract unit price per square foot for DETECTABLE WARNINGS.

### **Curb and Gutter Removal and Replacement**

This item shall consist of the removal of existing concrete curb and gutter and disposal thereof, and the installation of new roll type concrete curb and gutter, M3.12, or B6.12 curb and gutter. All curb and gutter shall be in accordance with Exhibit "B" of these specifications. It is anticipated that the removal of the existing curb and gutter will be done in such a manner by the contractor that a face board will not be needed and the concrete will be poured up to the edge of existing street pavement. However, the Engineer reserves the right to require a face board form if the removal is not done cleanly or if the pavement edge is jagged when exposed.

The disposal of the existing removed concrete shall be the sole responsibility of the contractor. The removal shall be in a timely manner and shall not create a road hazard or damage to existing parkway.

Approximate quantities and locations are detailed on Form BLR 14232 included herein. The actual locations for this work shall be marked with orange paint by the Engineer prior to construction.

All restoration in back of the curb shall be considered incidental to the cost of the curb and gutter removal and replacement. Restoration in parkway areas shall consist of two inches (2") of black dirt and sod, 18 inches wide for the entire length of required restoration. All restoration must be completed within 10 calendar days of final paving on the last street.

Roll type curb and gutter which is replaced at an existing driveway shall be depressed as shown on Exhibit "B". The saw cutting 18 inches behind the curb and the replacement with 2 inches of hot mix asphalt surface mix or 5 inches Class SI concrete shall be considered incidental to the contract. It is anticipated that approximately 35 percent of the total quantity for curb and gutter replacement will be at driveways. Where an entire section of curb and gutter is replaced at driveway aprons the new curb and gutter shall be depressed.

The contractor shall sequence all construction affecting residential driveways in such a way as to minimize interruption to access. Access shall not be interrupted for more than five (5) consecutive days. Where construction activities cause interruption to access for more than five (5) consecutive days the contractor shall provide suitable temporary access in a timely manner and way acceptable by the Engineer. The cost of suitable temporary access shall be considered incidental to the project.

The contractor shall advise the Engineer 48 hours in advance of any construction activities that will interrupt driveway and/or road access and use. On the evening before or the morning of construction affecting driveways, the contractor shall alert and give notice to each resident so that any vehicles needing to be removed can be done so in a timely manner.

All new curb and gutter shall be poured within five (5) calendar days from the date which the old curb and gutter was removed. When wood framing used for curb and gutter is pulled, all framing materials including nails shall be immediately removed from site and the area broom cleaned. The contractor will be held liable for any damages occurring due to his failure to keep the work and travel areas broom clean.

Any materials stockpiled for construction activities shall be stored so as to minimize any road hazard and shall be kept away from normal drainage areas. All stockpiled materials shall be marked with lighted barricades. No materials shall be stockpiled without prior approval from the Engineer.

The location and placement of all equipment used for construction, when not in use, shall be prearranged between contractor and Engineer prior to placement.

#### Basis of Payment:

This work shall be paid for at the contract unit price per lineal foot of either CURB AND GUTTER REMOVAL AND REPLACEMENT, M3.12 or CURB AND GUTTER REMOVAL AND REPLACEMENT, B6.12.

#### **Pavement Patching, Class "D", 4"**

This item shall consist of the selective patching of areas designated by the Engineer prior to resurfacing. All patches shall be saw cut, and the saw cutting shall be considered incidental to the cost of pavement patching, Class "D", 4". The removal shall consist of removal of all pavement materials, including hot mix asphalt and stone to a depth of four inches (4"). For patches in areas which are also being ground or milled, the 4" depth shall be measured from the milled surface. The final patch shall be level with the adjacent existing pavement. All patching shall be done in conformance with Section 442 of the Standard Specifications.

#### Basis of Payment:

The exact location and sizes of all patches will be determined by the Engineer. This work shall be paid for at the contract price per square yard for PAVEMENT PATCHING, CLASS "D", 4".

#### **Pavement Patching, Class "D", 6"**

This item shall consist of the selective patching of areas designated by the Engineer. All patches shall be saw cut, and the saw cutting shall be considered incidental to the cost of pavement patching, Class "D", 6". The removal shall consist of removal of all pavement materials, including hot mix asphalt and stone to a depth of eight inches below final grade (8"). For patches in areas which are also being ground or milled, the 6" depth shall be measured from the milled surface. The final patch shall be level with the adjacent existing pavement. All patching shall be done in conformance with Section 442 of the Standard Specifications.

**Basis of Payment:**

The exact location and sizes of all patches will be determined by the Engineer. This work shall be paid for at the contract price per square yard for PAVEMENT PATCHING, CLASS "D", 6".

**Drainage Structure Rebuild**

This item shall consist of all work and materials necessary to replace existing drainage structure (inlet, catch basin or manhole) with new PCC precast structure, including making connection for all storm sewers entering and exiting the structure and replacing the frame and grate where required. A maximum of 12" rubber or HDPE adjusting rings shall be used. Existing structures shall be replaced with new precast structures as indicated on the following list:

Location	Existing Diameter in Feet	Replacement Structure Diameter in Feet	Approx. Depth in Feet	Frame & Grate Replacement Type
NEC Yorkshire Dr. (Sanitary main ductile) through storm manhole	4	4	7	Reuse Existing
1910 Laurel Ave in street	3	3	3	Reuse Existing
1910 Laurel Ave in street	3	3	3	Reuse Existing
1910 Laurel Ave in curb	3	3	4	New Neenah R-3501-P or approved equal
SWC East Ave	2	2	3	Reuse Existing
1671 Park Ave	2	2	3	Reuse Existing
Easton Ct (End of cul-de-sac)	2	2	3	New Neenah R-3501-P or approved equal
5731 Essex Ct	3	3 + Flattop	4	New Neenah R-3501-P or approved equal
3860 Seaview Dr	3	3	5	Reuse Existing
NEC County Farm and Windjammer	2	2	4	New type 1

The contractor shall verify the depth of each structure prior to ordering materials.

**Basis of Payment:**

This work shall be paid for at the contract unit price each for DRAINAGE STRUCTURE REBUILD and shall include granular backfill and all restoration with sod. The same unit price shall apply to all drainage structure rebuilds, regardless of each structure diameter or depth.

**Traffic Control Plan**

Traffic control shall be in accordance with the applicable sections of the Standard Specifications for Road and Bridge Construction, the applicable guidelines contained in the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways, these special provisions, and any special details and Highway Standards contained herein and in the plans and the Standard Specifications for Traffic Control Items.

Special attention is called to Articles 107.09, 107.14 and 701 of the Standard Specifications for Road and Bridge Construction and the following Highway Standards relating to traffic control:

Standards:                701901                701606                701501

Details:                    Traffic control and protection for side roads, intersections and driveways.

Special Provisions:    Maintenance of Roadways

#### Construction and Maintenance Signs

The Contractor shall obtain, erect, maintain, and remove all signs, barricades, flagmen and other traffic control devices as may be necessary for the purpose of regulating, warning or guiding traffic. Placement and maintenance of all traffic control devices shall be as directed by the Engineer and in accordance with the applicable parts of Article 701 of the Standard Specifications and the Illinois Manual on Uniform Traffic Control Devices for Streets and Highways. All traffic protection will be considered incidental to the cost of the Contract and will not be paid for separately.

The Engineer will coordinate parking restrictions with the Village Police Department to facilitate traffic flow in the construction areas. The contractor shall schedule his work to avoid creating traffic hazards or congestion and shall maintain one lane open access for residents and emergency vehicles.

#### **Heavy Equipment Movement**

The contractor shall notify the Engineer of the movement of any heavy equipment through the Village 24 hours in advance. The contractor shall comply with recommended travel routes throughout the entire Village. It shall be the responsibility of the contractor to notify State and County officials as may be appropriate with respect to movement of equipment.

#### **Damages By Contractor**

The contractor shall be held liable for the timely replacement of or repair to any damages caused by him or his subcontractors during the project effort. Corrective action by the contractor shall be done to the satisfaction of the Engineer.

The contractor is further advised that if his negligence or that of his subcontractors causes safety or hazardous conditions which requires intervention or remedial action by the Village or its vendors, the contractor will be held accountable for all costs incurred.

#### **Water Usage**

The contractor shall obtain a water meter complete with backflow preventer from the Village Water Department Supervisor prior to filling any equipment from Village hydrants. It shall be the responsibility of the contractor to arrange for such a meter in advance of need. While the Village will make every effort to provide the meter, supply is limited and available on a first-request basis. The contractor will be held liable for any damage to the meter.

#### **Detector Loop Replacement**

This work shall consist of replacement of damaged traffic signal detector loops in accordance with the applicable portions of Section 886 of the Standard Specifications, and shall be required whenever an existing detector loop is damaged by the contractor during the grinding operation.

The Contractor may reuse the existing conduit (duct) located between the existing handhole and the pavement if it hasn't been damaged. All burrs shall be removed from the edges of the

existing conduit which may cause damage to the new detector loop during installation. If the existing conduit is damaged beyond repair, or if it cannot be located, or if additional conduits are required to provide one lead-in duct for each proposed loop; the Contractor will be required to drill through the existing pavement into the appropriate handhole, and install one (1) inch unit duct conduit. Upon establishment of the duct the loop may be cut, installed, sealed and spliced to the twisted shielded controller cable in the handhole.

This work shall be paid for at the contract unit price per lineal foot for DETECTOR LOOP REPLACEMENT.

**Mobilization**

This contract contains no provisions for Mobilization. Therefore, Section 671 of the Standard Specifications is deleted.

<b>HOT-MIX ASPHALT MIXTURE REQUIREMENTS</b>		
<b>Mixture Type</b>	<b>AC Type</b>	<b>Air Voids</b>
Hot Mix Asphalt Surface Course, Mix "C", N50 (IL 9.5 mm)	PG 64 – 22	4% @ 50 Gyr.
Leveling Binder (Machine Method), N50	PG 64 – 22	4% @ 50 Gyr.
Class D Patches (HMA Binder IL-19mm)	PG 64 – 22*	4% @ 70 Gyr.

See 1 ==> THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

See 2 ==> \* WHEN RAP EXCEEDS 20%, THE NEW ASPHALT BINDER IN THE MIX SHALL BE PG 58-22

## Cook County Prevailing Wage for March 2012

Trade Name	RG	TYP	C	Base	FRMAN	*M-F>8	OSA	OSH	H/W	Pensn	Vac	Trng
ASBESTOS ABT-GEN		ALL		35.200	35.700	1.5	1.5	2.0	12.18	8.820	0.000	0.450
ASBESTOS ABT-MEC		BLD		32.850	0.000	1.5	1.5	2.0	10.82	10.66	0.000	0.720
BOILERMAKER		BLD		43.450	47.360	2.0	2.0	2.0	6.970	14.66	0.000	0.350
BRICK MASON		BLD		39.780	43.760	1.5	1.5	2.0	9.300	11.17	0.000	0.730
CARPENTER		ALL		40.770	42.770	1.5	1.5	2.0	12.34	11.25	0.000	0.530
CEMENT MASON		ALL		41.850	43.850	2.0	1.5	2.0	10.70	10.76	0.000	0.320
CERAMIC TILE FNISHER		BLD		33.600	0.000	2.0	1.5	2.0	9.200	6.680	0.000	0.580
COMM. ELECT.		BLD		36.440	38.940	1.5	1.5	2.0	8.420	8.910	0.000	0.700
ELECTRIC PWR EQMT OP		ALL		41.850	46.850	1.5	1.5	2.0	10.27	13.01	0.000	0.320
ELECTRIC PWR GRNDMAN		ALL		32.640	46.850	1.5	1.5	2.0	8.000	10.12	0.000	0.240
ELECTRIC PWR LINEMAN		ALL		41.850	46.850	1.5	1.5	2.0	10.27	13.01	0.000	0.320
ELECTRICIAN		ALL		40.400	43.000	1.5	1.5	2.0	13.83	7.920	0.000	0.750
ELEVATOR CONSTRUCTOR		BLD		48.560	54.630	2.0	2.0	2.0	11.03	11.96	2.910	0.000
FENCE ERECTOR		ALL		32.660	34.660	1.5	1.5	2.0	12.42	10.00	0.000	0.250
GLAZIER		BLD		38.500	40.000	1.5	2.0	2.0	11.49	14.64	0.000	0.840
HT/FROST INSULATOR		BLD		43.800	46.300	1.5	1.5	2.0	10.82	11.86	0.000	0.720
IRON WORKER		ALL		40.750	42.750	2.0	2.0	2.0	13.20	19.09	0.000	0.350
LABORER		ALL		35.200	35.950	1.5	1.5	2.0	12.18	8.820	0.000	0.450
LATHER		ALL		40.770	42.770	1.5	1.5	2.0	12.34	11.25	0.000	0.530
MACHINIST		BLD		43.160	45.160	1.5	1.5	2.0	7.980	8.950	0.000	0.000
MARBLE FINISHERS		ALL		29.100	0.000	1.5	1.5	2.0	9.300	11.17	0.000	0.660
MARBLE MASON		BLD		39.030	42.930	1.5	1.5	2.0	9.300	11.17	0.000	0.730
MATERIAL TESTER I		ALL		25.200	0.000	1.5	1.5	2.0	12.18	8.820	0.000	0.450
MATERIALS TESTER II		ALL		30.200	0.000	1.5	1.5	2.0	12.18	8.820	0.000	0.450
MILLWRIGHT		ALL		40.770	42.770	1.5	1.5	2.0	12.34	11.25	0.000	0.530
OPERATING ENGINEER		BLD 1		45.100	49.100	2.0	2.0	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		BLD 2		43.800	49.100	2.0	2.0	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		BLD 3		41.250	49.100	2.0	2.0	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		BLD 4		39.500	49.100	2.0	2.0	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		BLD 5		48.850	49.100	2.0	2.0	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		BLD 6		46.100	49.100	2.0	2.0	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		BLD 7		48.100	49.100	2.0	2.0	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		FLT 1		51.300	51.300	1.5	1.5	2.0	11.70	8.050	1.900	1.150
OPERATING ENGINEER		FLT 2		49.800	51.300	1.5	1.5	2.0	11.70	8.050	1.900	1.150
OPERATING ENGINEER		FLT 3		44.350	51.300	1.5	1.5	2.0	11.70	8.050	1.900	1.150
OPERATING ENGINEER		FLT 4		36.850	51.300	1.5	1.5	2.0	11.70	8.050	1.900	1.150
OPERATING ENGINEER		HWY 1		43.300	47.300	1.5	1.5	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		HWY 2		42.750	47.300	1.5	1.5	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		HWY 3		40.700	47.300	1.5	1.5	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		HWY 4		39.300	47.300	1.5	1.5	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		HWY 5		38.100	47.300	1.5	1.5	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		HWY 6		46.300	47.300	1.5	1.5	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		HWY 7		44.300	47.300	1.5	1.5	2.0	14.40	9.550	1.900	1.250
ORNAMNTL IRON WORKER		ALL		40.200	42.450	2.0	2.0	2.0	12.67	14.81	0.000	0.500
PAINTER		ALL		38.000	42.750	1.5	1.5	1.5	9.750	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
PILEDRIIVER		ALL		40.770	42.770	1.5	1.5	2.0	12.34	11.25	0.000	0.530
PIPEFITTER		BLD		44.050	47.050	1.5	1.5	2.0	8.460	13.85	0.000	1.820
PLASTERER		BLD		39.250	41.610	1.5	1.5	2.0	10.60	10.69	0.000	0.550
PLUMBER		BLD		44.750	46.750	1.5	1.5	2.0	11.59	9.060	0.000	0.780
ROOFER		BLD		37.650	40.650	1.5	1.5	2.0	7.750	6.570	0.000	0.430
SHEETMETAL WORKER		BLD		40.560	43.800	1.5	1.5	2.0	9.880	16.54	0.000	0.630
SIGN HANGER		BLD		29.460	29.960	1.5	1.5	2.0	4.800	2.980	0.000	0.000
SPRINKLER FITTER		BLD		49.200	51.200	1.5	1.5	2.0	9.750	8.200	0.000	0.450

STEEL ERECTOR	ALL	40.750	42.750	2.0	2.0	2.0	13.20	19.09	0.000	0.350
STONE MASON	BLD	39.780	43.760	1.5	1.5	2.0	9.300	11.17	0.000	0.730
TERRAZZO FINISHER	BLD	35.150	0.000	1.5	1.5	2.0	9.200	9.070	0.000	0.430
TERRAZZO MASON	BLD	39.010	42.010	1.5	1.5	2.0	9.200	10.41	0.000	0.510
TILE MASON	BLD	40.490	44.490	2.0	1.5	2.0	9.200	8.390	0.000	0.640
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
TUCK POINTER	BLD	39.950	40.950	1.5	1.5	2.0	8.180	10.57	0.000	0.790

Legend:

M-E>8 (Overtime is required for any hour greater than 8 worked each day, Monday through Friday)  
 OSA (Overtime 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; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; 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; 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; 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; 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; Bobcats (up to and including 3/4 cu yd.) .

Class 4. Bobcats and/or other Skid Steer Loaders (other than bobcats up to and including  $\frac{3}{4}$  cu yd.); Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics.

#### 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: Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dowell Machine with Air Compressor; Dredges; 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; Hydraulic Backhoes; Backhoes with shear attachments; 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; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Trenching Machine; 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; All Locomotives, Dinky; Off-Road Hauling Units (including articulating)/2 ton capacity or more; 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; Scoops - Tractor Drawn; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper; Scraper - Prime Mover in Tandem (Regardless of Size); Tank Car Heater; Tractors, Push, Pulling 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.; Fireman on Boilers; 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); Hydro- Blaster; Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Tractaire; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. Bobcats (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Gradall and machines of like nature.

#### OPERATING ENGINEER - FLOATING

Class 1. Craft Foreman; Diver/Wet Tender; and Engineer (hydraulic dredge).

Class 2. Crane/Backhoe Operator; 70 Ton or over Tug Operator; Mechanic/Welder; Assistant Engineer (Hydraulic Dredge); Leverman (Hydraulic Dredge); Diver Tender; Friction and Lattice Boom Cranes.

Class 3. Deck Equipment Operator, Machineryman; Maintenance of Crane (over 50 ton capacity); Tug/Launch Operator; Loader/Dozer and like equipment on Barge; and Deck Machinery, etc.

Class 4. Deck Equipment Operator, Machineryman/Fireman (4 Equipment Units or More); Off Road Trucks (2 ton capacity or more); Deck Hand, Tug Engineer, Crane Maintenance 50 Ton Capacity and Under or Backhoe Weighing 115,000 pounds or less; and Assistant Tug Operator.

#### 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 & 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.

# Du Page County Prevailing Wage for March 2012

Trade Name	RG	TYP	C	Base	FRMAN	*M-F>8	OSA	OSH	H/W	Pensn	Vac	Trng
ASBESTOS ABT-GEN		ALL		35.200	35.700	1.5	1.5	2.0	12.18	8.820	0.000	0.450
ASBESTOS ABT-MEC		BLD		32.850	0.000	1.5	1.5	2.0	10.82	10.66	0.000	0.720
BOILERMAKER		BLD		43.450	47.360	2.0	2.0	2.0	6.970	14.66	0.000	0.350
BRICK MASON		BLD		39.780	43.760	1.5	1.5	2.0	9.300	11.17	0.000	0.730
CARPENTER		ALL		40.770	42.770	1.5	1.5	2.0	12.34	11.25	0.000	0.530
CEMENT MASON		ALL		38.000	40.000	2.0	1.5	2.0	8.950	16.35	0.000	0.380
CERAMIC TILE FNSHER		BLD		33.600	0.000	2.0	1.5	2.0	9.200	6.680	0.000	0.580
COMMUNICATION TECH		BLD		32.650	34.750	1.5	1.5	2.0	9.250	14.46	0.400	0.610
ELECTRIC PWR EQMT OP		ALL		34.240	45.510	1.5	1.5	2.0	5.000	10.62	0.000	0.260
ELECTRIC PWR GRNDMAN		ALL		26.480	45.510	1.5	1.5	2.0	5.000	8.200	0.000	0.200
ELECTRIC PWR LINEMAN		ALL		41.000	45.510	1.5	1.5	2.0	5.000	12.71	0.000	0.310
ELECTRIC PWR TRK DRV		ALL		27.420	45.510	1.5	1.5	2.0	5.000	8.500	0.000	0.210
ELECTRICIAN		BLD		36.200	39.820	1.5	1.5	2.0	9.250	16.27	4.380	0.680
ELEVATOR CONSTRUCTOR		BLD		48.560	54.630	2.0	2.0	2.0	11.03	11.96	2.910	0.000
FENCE ERECTOR	NE	ALL		32.660	34.660	1.5	1.5	2.0	12.42	10.00	0.000	0.250
FENCE ERECTOR	W	ALL		44.950	47.200	2.0	2.0	2.0	8.890	17.69	0.000	0.400
GLAZIER		BLD		38.500	40.000	1.5	2.0	2.0	11.49	14.64	0.000	0.840
HT/FROST INSULATOR		BLD		43.800	46.300	1.5	1.5	2.0	10.82	11.86	0.000	0.720
IRON WORKER	E	ALL		40.750	42.750	2.0	2.0	2.0	13.20	19.09	0.000	0.350
IRON WORKER	W	ALL		44.950	47.200	2.0	2.0	2.0	8.890	17.69	0.000	0.400
LABORER		ALL		35.200	35.950	1.5	1.5	2.0	12.18	8.820	0.000	0.450
LATHER		ALL		40.770	42.770	1.5	1.5	2.0	12.34	11.25	0.000	0.530
MACHINIST		BLD		43.160	45.160	1.5	1.5	2.0	7.980	8.950	0.000	0.000
MARBLE FINISHERS		ALL		29.100	0.000	1.5	1.5	2.0	9.300	11.17	0.000	0.660
MARBLE MASON		BLD		39.030	42.930	1.5	1.5	2.0	9.300	11.17	0.000	0.730
MATERIAL TESTER I		ALL		25.200	0.000	1.5	1.5	2.0	12.18	8.820	0.000	0.450
MATERIALS TESTER II		ALL		30.200	0.000	1.5	1.5	2.0	12.18	8.820	0.000	0.450
MILLWRIGHT		ALL		40.770	42.770	1.5	1.5	2.0	12.34	11.25	0.000	0.530
OPERATING ENGINEER		BLD 1		45.100	49.100	2.0	2.0	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		BLD 2		43.800	49.100	2.0	2.0	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		BLD 3		41.250	49.100	2.0	2.0	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		BLD 4		39.500	49.100	2.0	2.0	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		BLD 5		48.850	49.100	2.0	2.0	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		BLD 6		46.100	49.100	2.0	2.0	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		BLD 7		48.100	49.100	2.0	2.0	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		HWY 1		43.300	47.300	1.5	1.5	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		HWY 2		42.750	47.300	1.5	1.5	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		HWY 3		40.700	47.300	1.5	1.5	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		HWY 4		39.300	47.300	1.5	1.5	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		HWY 5		38.100	47.300	1.5	1.5	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		HWY 6		46.300	47.300	1.5	1.5	2.0	14.40	9.550	1.900	1.250
OPERATING ENGINEER		HWY 7		44.300	47.300	1.5	1.5	2.0	14.40	9.550	1.900	1.250
ORNAMNTL IRON WORKER E		ALL		40.200	42.450	2.0	2.0	2.0	12.67	14.81	0.000	0.500
ORNAMNTL IRON WORKER W		ALL		44.950	47.200	2.0	2.0	2.0	8.890	17.69	0.000	0.400
PAINTER		ALL		40.180	42.180	1.5	1.5	1.5	8.950	8.200	0.000	1.250
PAINTER SIGNS		BLD		33.920	38.090	1.5	1.5	1.5	2.600	2.710	0.000	0.000
PILEDRIIVER		ALL		40.770	42.770	1.5	1.5	2.0	12.34	11.25	0.000	0.530
PIPEFITTER		BLD		41.000	43.000	1.5	1.5	2.0	10.75	14.59	0.000	1.660
PLASTERER		BLD		39.360	41.720	1.5	1.5	2.0	9.300	11.72	0.000	0.780
PLUMBER		BLD		41.000	43.000	1.5	1.5	2.0	10.75	14.59	0.000	1.660
ROOFER		BLD		37.650	40.650	1.5	1.5	2.0	7.750	6.570	0.000	0.430
SHEETMETAL WORKER		BLD		41.660	43.660	1.5	1.5	2.0	9.540	11.57	0.000	0.780
SPRINKLER FITTER		BLD		49.200	51.200	1.5	1.5	2.0	9.750	8.200	0.000	0.450
STEEL ERECTOR	E	ALL		40.750	42.750	2.0	2.0	2.0	13.20	19.09	0.000	0.350

STEEL ERECTOR	W	ALL	44.950	47.200	2.0	2.0	2.0	8.890	17.69	0.000	0.400
STONE MASON		BLD	39.780	43.760	1.5	1.5	2.0	9.300	11.17	0.000	0.730
TERRAZZO FINISHER		BLD	35.150	0.000	1.5	1.5	2.0	9.200	9.070	0.000	0.430
TERRAZZO MASON		BLD	39.010	42.010	1.5	1.5	2.0	9.200	10.41	0.000	0.510
TILE MASON		BLD	40.490	44.490	2.0	1.5	2.0	9.200	8.390	0.000	0.640
TRAFFIC SAFETY WRKR		HWY	28.250	29.850	1.5	1.5	2.0	4.896	4.175	0.000	0.000
TRUCK DRIVER		ALL 1	32.550	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.150
TRUCK DRIVER		ALL 2	32.700	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.150
TRUCK DRIVER		ALL 3	32.900	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.150
TRUCK DRIVER		ALL 4	33.100	33.100	1.5	1.5	2.0	6.500	4.350	0.000	0.150
TUCKPOINTER		BLD	39.950	40.950	1.5	1.5	2.0	8.180	10.57	0.000	0.790

Legend:

M->8 (Overtime is required for any hour greater than 8 worked each day, Monday through Friday)  
 OSA (Overtime 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)  
 Pnsn (Pension)  
 Vac (Vacation)  
 Trng (Training)

## Explanations

### DUPAGE COUNTY

IRON WORKERS AND FENCE ERECTOR (WEST) - West of Route 53.

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.

#### 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.

TRAFFIC SAFETY - work associated with barricades, hoses 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.

#### 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 TECHNICIAN

Low voltage installation, maintenance and removal of telecommunication facilities (voice, sound, data and video) including telephone and data inside wire, interconnect, terminal equipment, central offices, PABX, fiber optic cable and equipment, micro waves, V-SAT, bypass, CATV, WAN (wide area networks), LAN (local area networks), and ISDN (integrated system digital network), pulling of wire in raceways, but not the installation of raceways.

#### 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; Crusher, Stone, etc.; Derricks, All; Derricks, Traveling; Formless Curb and Gutter Machine; Grader, Elevating; Grouting Machines; 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; 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; 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; 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; Bobcats (up to and including  $\frac{3}{4}$  cu yd.) .

Class 4. Bobcats and/or other Skid Steer Loaders (other than bobcats up to and including  $\frac{3}{4}$  cu yd.); Oilers; and Brick Forklift.

Class 5. Assistant Craft Foreman.

Class 6. Gradall.

Class 7. Mechanics.

## 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: Crusher, Stone, etc.; Derricks, All; Derrick Boats; Derricks, Traveling; Dowell Machine with Air Compressor; Dredges; 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; Hydraulic Backhoes; Backhoes with shear attachments; 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; Soil Test Drill Rig (Truck Mounted); Straddle Buggies; Hydraulic Telescoping Form (Tunnel); Tractor Drawn Belt Loader (with attached pusher - two engineers); Tractor with Boom; Tractaire with Attachments; Trenching Machine; 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; All Locomotives, Dinky; Off-Road Hauling Units (including articulating)/2 ton capacity or more; 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; Scoops - Tractor Drawn; Self-Propelled Compactor; Spreader - Chip - Stone, etc.; Scraper; Scraper - Prime Mover in Tandem (Regardless of Size); Tank Car Heater; Tractors, Push, Pulling 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.; Fireman on Boilers; 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); Hydro- Blaster; Light Plants, All (1 through 5); Pumps, over 3" (1 to 3 not to exceed a total of 300 ft.); Pumps, Well Points; Tractaire; Welding Machines (2 through 5); Winches, 4 Small Electric Drill Winches.

Class 5. Bobcats (all); Brick Forklifts; Oilers.

Class 6. Field Mechanics and Field Welders

Class 7. Gradall and machines of like nature.

#### TRUCK DRIVER - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION

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.

#### 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.

#### 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.

**BDE SPECIAL PROVISIONS**  
For the January 20 and March 9, 2012 Lettings

The following special provisions indicated by an "x" are applicable to this contract and will be included by the Project Development and Implementation Section of the BD&E. An \* indicates a new or revised special provision for the letting.

File Name	#	Special Provision Title	Effective	Revised
80240	1	Above Grade Inlet Protection	July 1, 2009	Jan. 1, 2012
80099	2	Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2007
80275	3	Agreement to Plan Quantity	Jan. 1, 2012	
80192	4	Automated Flagger Assistance Device	Jan. 1, 2008	
80173	5	Bituminous Materials Cost Adjustments	Nov. 2, 2006	Jan. 1, 2012
80241	6	Bridge Demolition Debris	July 1, 2009	
80276	7	Bridge Relief Joint Sealer (NOTE: This special provision was previously named Concrete Joint Sealer)	Jan. 1, 2012	
50261	8	Building Removal-Case I (Non-Friable and Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50481	9	Building Removal-Case II (Non-Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50491	10	Building Removal-Case III (Friable Asbestos)	Sept. 1, 1990	April 1, 2010
50531	11	Building Removal-Case IV (No Asbestos)	Sept. 1, 1990	April 1, 2010
80198	12	Completion Date (via calendar days)	April 1, 2008	
80199	13	Completion Date (via calendar days) Plus Working Days	April 1, 2008	
80277	14	Concrete Mix Design – Department Provided	Jan. 1, 2012	
80261	15	Construction Air Quality – Diesel Retrofit	June 1, 2010	
80237	16	Construction Air Quality – Diesel Vehicle Emissions Control	April 1, 2009	July 1, 2009
80239	17	Construction Air Quality – Idling Restrictions	April 1, 2009	
80177	18	Digital Terrain Modeling for Earthwork Calculations	April 1, 2007	
80029	19	Disadvantaged Business Enterprise Participation	Sept. 1, 2000	Aug. 2, 2011
80272	20	Drainage and Inlet Protection Under Traffic	April 1, 2011	Jan. 1, 2012
80228	21	Flagger at Side Roads and Entrances	April 1, 2009	
80265	22	Friction Aggregate	Jan. 1, 2011	
80229	23	Fuel Cost Adjustment	April 1, 2009	July 1, 2009
80169	24	High Tension Cable Median Barrier	Jan. 1, 2007	April 1, 2009
80246	25	Hot-Mix Asphalt – Density Testing of Longitudinal Joints	Jan. 1, 2010	
80109	26	Impact Attenuators	Nov. 1, 2003	Jan. 1, 2012
80110	27	Impact Attenuators, Temporary	Nov. 1, 2003	Jan. 1, 2012
80045	28	Material Transfer Device	June 15, 1999	Jan. 1, 2009
80203	29	Metal Hardware Cast into Concrete	April 1, 2008	Jan. 1, 2012
80165	30	Moisture Cured Urethane Paint System	Nov. 1, 2006	Jan. 1, 2010
80253	31	Movable Traffic Barrier	Jan. 1, 2010	Jan. 1, 2012
80231	32	Pavement Marking Removal	April 1, 2009	
80254	33	Pavement Patching	Jan. 1, 2010	
80022	34	Payments to Subcontractors	June 1, 2000	Jan. 1, 2006
80278	35	Planting Woody Plants	Jan. 1, 2012	
80279	36	Portland Cement Concrete	Jan. 1, 2012	
80280	37	Portland Cement Concrete Sidewalk	Jan. 1, 2012	
80218	38	Preventive Maintenance – Bituminous Surface Treatment	Jan. 1, 2009	April 1, 2009
80219	39	Preventive Maintenance – Cape Seal	Jan. 1, 2009	Aug. 1, 2011
80220	40	Preventive Maintenance – Micro-Surfacing	Jan. 1, 2009	Aug. 1, 2011
80221	41	Preventive Maintenance – Slurry Seal	Jan. 1, 2009	
80281	42	Quality Control/Quality Assurance of Concrete Mixtures	Jan. 1, 2012	
34261	43	Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2006
80157	44	Railroad Protective Liability Insurance (5 and 10)	Jan. 1, 2006	
80172	45	Reclaimed Asphalt Pavement (RAP)	Jan. 1, 2007	Jan. 1, 2012
80282	46	Reclaimed Asphalt Shingles (RAS)	Jan. 1, 2012	

File Name	#	Special Provision Title	Effective	Revised
80233	47	Removal and Disposal of Regulated Substances	Jan. 1, 2012	
80224	48	Restoring Bridge Approach Pavements Using High-Density Foam	Jan. 1, 2009	Jan. 1, 2012
80271	49	Safety Edge	April 1, 2011	
80152	50	Self-Consolidating Concrete for Cast-In-Place Construction	Nov. 1, 2005	Jan. 1, 2012
80132	51	Self-Consolidating Concrete for Precast Products	July 1, 2004	Jan. 1, 2012
80234	52	Shoulder Rumble Strips	Jan. 1, 2012	
80235	53	Sidewalk, Corner or Crosswalk Closure	Jan. 1, 2012	
80127	54	Steel Cost Adjustment	April 2, 2004	April 1, 2009
80255	55	Stone Matrix Asphalt	Jan. 1, 2010	Jan. 1, 2012
80143	56	Subcontractor Mobilization Payments	April 2, 2005	April 1, 2011
80075	57	Surface Testing of Pavements	April 1, 2002	Jan. 1, 2007
80236	58	Temporary Erosion and Sediment Control	Jan. 1, 2012	
80225	59	Temporary Raised Pavement Marker	Jan. 1, 2009	
80256	60	Temporary Water-Filled Barrier	Jan. 1, 2010	Jan. 1, 2012
80287	61	Type G Inlet Box	Jan. 1, 2012	
80273	62	Traffic Control Deficiency Deduction	Aug. 1, 2011	
20338	63	Training Special Provisions	Oct. 15, 1975	
80270	64	Utility Coordination and Conflicts	April 1, 2011	Jan. 1, 2012
80238	65	Warm Mix Asphalt	Jan. 1, 2012	
80239	66	Wet Reflective Thermoplastic Pavement Marking	Jan. 1, 2012	
80071	67	Working Days	Jan. 1, 2002	

The following special provisions are either in the 2012 Standard Specifications, the 2012 Recurring Special Provisions, or the special provision Portland Cement Concrete:

File Name	Special Provision Title	New Location	Effective	Revised
80186	Alkali-Silica Reaction for Cast-in-Place Concrete	The special provision Portland Cement Concrete	Aug. 1, 2007	Jan. 1, 2009
80213	Alkali-Silica Reaction for Precast and Precast Prestressed Concrete	The special provision Portland Cement Concrete	Jan. 1, 2009	
80207	Approval of Proposed Borrow Areas, Use Areas, and/or Waste Areas	Article 107.22	Nov. 1, 2008	Nov. 1, 2010
80166	Cement	Section 1001	Jan. 1, 2007	April 1, 2011
80260	Certification of Metal Fabricator	Article 106.08	July 1, 2010	
80094	Concrete Admixtures	Section 1021 and the special provision Portland Cement Concrete	Jan. 1, 2003	April 1, 2009
80226	Concrete Mix Designs	The special provision Portland Cement Concrete	April 1, 2009	
80227	Determination of Thickness	Articles 353.12, 353.13, 353.14, 354.09, 355.09, 356.07, 407.10, 482.06, and 483.07	April 1, 2009	
80179	Engineer's Field Office Type A	Articles 670.02 and 670.07	April 1, 2007	Jan. 1, 2011
80205	Engineer's Field Office Type B	Articles 670.04 and 670.07	Aug. 1, 2008	Jan. 1, 2011
80189	Equipment Rental Rates	Articles 105.07 and 109.04	Aug. 2, 2007	Jan. 2, 2008
80249	Frames and Grates	Articles 609.02 and 609.04	Jan. 1, 2010	
80194	HMA – Hauling on Partially Completed Full-Depth Pavement	Article 407.08	Jan. 1, 2008	
80245	Hot-Mix Asphalt – Anti-Stripping Additive	Article 1030.04	Nov. 1, 2009	
80250	Hot-Mix Asphalt – Drop-Offs	Article 701.07	Jan. 1, 2010	
80259	Hot Mix Asphalt – Fine Aggregate	Articles 1003.01 and 1003.03	April 1, 2010	

<u>File Name</u>	<u>Special Provision Title</u>	<u>New Location</u>	<u>Effective</u>	<u>Revised</u>
80252	Improved Subgrade	Articles 302.04, 302.07, 302.08, 302.10, 302.11, 310.04, 310.08, 310.10, 310.11, and 311.05	Jan. 1, 2010	
80266	Lane Closure, Multilane, Intermittent or Moving Operation, for Speeds ≤ 40 MPH	Article 701.19	Jan. 1, 2011	Jan. 2, 2011
80230	Liquidated Damages	Article 108.09	April 1, 2009	April 1, 2011
80267	Long-Span Guardrail over Culvert	Articles 630.07 and 630.08	Jan. 1, 2011	
80262	Mulch and Erosion Control Blankets	Articles 251.03, 251.04, 251.06, 251.07, and 1081.06	Nov. 1, 2010	April 1, 2011
80180	National Pollutant Discharge Elimination System / Erosion and Sediment Control Deficiency Deduction	Article 105.03	April 1, 2007	Nov. 1, 2009
80208	Nighttime Work Zone Lighting	Section 702	Nov. 1, 2008	
80232	Pipe Culverts	Articles 542.03, 542.04, 542.11, and 1040.04	April 1, 2009	April 1, 2010
80263	Planting Perennial Plants	Section 254 and Article 1081.02	Jan. 1, 2011	
80210	Portland Cement Concrete Inlay or Overlay	Recurring CS #29	Nov. 1, 2008	
80217	Post Clips for Extruded Aluminum Signs	Article 1090.03	Jan. 1, 2009	
80268	Post Mounting of Signs	Article 701.14	Jan. 1, 2011	
80171	Precast Handling Holes	Articles 540.02, 540.06, 542.02, 542.04, 550.02, 550.06, 602.02, 602.07, and 1042.16	Jan. 1, 2007	
80015	Public Convenience and Safety	Article 107.09	Jan. 1, 2000	
80247	Raised Reflective Pavement Markers	Article 781.03	Nov. 1, 2009	April 1, 2010
80131	Seeding	Articles 250.07 and 1081.04	July 1, 2004	July 1, 2010
80264	Selection of Labor	Recurring CS #5	July 2, 2010	
80234	Storm Sewers	Articles 550.02, 550.03, 550.06, 550.07, 550.08, and 1040.04	April 1, 2009	April 1, 2010
80087	Temporary Erosion Control	Articles 280.02, 280.03, 280.04, 280.07, 280.08, and 1081.15	Nov. 1, 2002	Jan. 1, 2011
80257	Traffic Barrier Terminal, Type 6	Article 631.07	Jan. 1, 2010	
80269	Traffic Control Surveillance	Article 701.10	Jan. 1, 2011	
80258	Truck Mounted/Trailer Mounted Attenuators	Articles 701.03, 701.15, and 1106.02	Jan. 1, 2010	

The following special provisions require additional information from the designer. The additional information needs to be included in a separate document attached to this check sheet. The Project Development and Implementation section will then include the information in the applicable special provision. The Special Provisions are:

- Bridge Demolition Debris
- Building Removal-Case I
- Building Removal-Case II
- Building Removal-Case III
- Building Removal-Case IV
- Completion Date
- Completion Date Plus Working Days
- DBE Participation
- Material Transfer Device
- Railroad Protective Liability Insurance
- Training Special Provisions
- Working Days

## **CEMENT (BDE)**

Effective: January 1, 2007

Revised: April 1, 2009

Revise Section 1001 of the Standard Specifications to read:

### **"SECTION 1001. CEMENT**

**1001.01 Cement Types.** Cement shall be according to the following.

- (a) **Portland Cement.** Acceptance of portland cement shall be according to the current Bureau of Materials and Physical Research's Policy Memorandum, "Portland or Blended Cement Acceptance Procedure for Qualified and Non-Qualified Plants".

Portland cement shall be according to ASTM C 150, and shall meet the standard physical and chemical requirements. Type I or Type II may be used for cast-in-place, precast, and precast prestressed concrete. Type III may be used according to Article 1020.04, or when approved by the Engineer. All other cements referenced in ASTM C 150 may be used when approved by the Engineer.

The total of all organic processing additions shall be a maximum of 1.0 percent by weight (mass) of the cement. The total of all inorganic processing additions shall be a maximum of 4.0 percent by weight (mass) of the cement. However, a cement kiln dust inorganic processing addition shall be limited to a maximum of 1.0 percent. Organic processing additions shall be limited to grinding aids that improve the flowability of cement, reduce pack set, and improve grinding efficiency. Inorganic processing additions shall be limited to granulated blast-furnace slag according to the chemical requirements of AASHTO M 302, Class C fly ash according to the chemical requirements of AASHTO M 295, and cement kiln dust.

- (b) **Portland-Pozzolan Cement.** Acceptance of portland-pozzolan cement shall be according to the current Bureau of Materials and Physical Research's Policy Memorandum, "Portland or Blended Cement Acceptance Procedure for Qualified and Non-Qualified Plants".

Portland-pozzolan cement shall be according to ASTM C 595 and shall meet the standard physical and chemical requirements. Type IP may be used for cast-in-place, precast, and precast prestressed concrete, except when Class PP concrete is used. The pozzolan constituent for Type IP shall be a maximum of 21 percent of the weight (mass) of the portland-pozzolan cement.

For cast-in-place construction, portland-pozzolan cement shall not be used in concrete mixtures when the air temperature is below 40 °F (4 °C) without permission of the Engineer. If permission is given, the mix design strength requirement may require the Contractor to increase the cement or eliminate the cement factor reduction for a water-

reducing or high range water-reducing admixture which is permitted according to Article 1020.05(b).

The total of all organic processing additions shall be a maximum of 1.0 percent by weight (mass) of the cement. Organic processing additions shall be limited to grinding aids as defined in (a) above. Inorganic processing additions shall be limited to cement kiln dust at a maximum of 1.0 percent.

- (c) Portland Blast-Furnace Slag Cement. Acceptance of portland blast-furnace slag cement shall be according to the current Bureau of Materials and Physical Research's Policy Memorandum, "Portland or Blended Cement Acceptance Procedure for Qualified and Non-Qualified Plants".

Portland blast-furnace slag cement shall be according to ASTM C 595 and shall meet the standard physical and chemical requirements. Type IS portland blast-furnace slag cement may be used for cast-in-place, precast, and precast prestressed concrete, except when Class PP concrete is used. The blast-furnace slag constituent for Type IS shall be a maximum of 25 percent of the weight (mass) of the portland blast-furnace slag cement.

For cast-in-place construction, portland blast-furnace slag cement shall not be used in concrete mixtures when the air temperature is below 40 °F (4 °C) without permission of the Engineer. If permission is given, the mix design strength requirement may require the Contractor to increase the cement or eliminate the cement factor reduction for a water-reducing or high range water-reducing admixture which is permitted according to Article 1020.05(b).

The total of all organic processing additions shall be a maximum of 1.0 percent by weight (mass) of the cement. Organic processing additions shall be limited to grinding aids as defined in (a) above. Inorganic processing additions shall be limited to cement kiln dust at a maximum of 1.0 percent.

- (d) Rapid Hardening Cement. Rapid hardening cement shall be used according to Article 1020.04 or when approved by the Engineer. The cement shall be on the Department's current "Approved List of Packaged, Dry, Rapid Hardening Cementitious Materials for Concrete Repairs", and shall be according to the following.

- (1) The cement shall have a maximum final set of 25 minutes, according to Illinois Modified ASTM C 191.
- (2) The cement shall have a minimum compressive strength of 2000 psi (13,800 kPa) at 3.0 hours, 3200 psi (22,100 kPa) at 6.0 hours, and 4000 psi (27,600 kPa) at 24.0 hours, according to Illinois Modified ASTM C 109.
- (3) The cement shall have a maximum drying shrinkage of 0.050 percent at seven days, according to Illinois Modified ASTM C 596.

(4) The cement shall have a maximum expansion of 0.020 percent at 14 days, according to Illinois Modified ASTM C 1038.

(5) The cement shall have a minimum 80 percent relative dynamic modulus of elasticity; and shall not have a weight (mass) gain in excess of 0.15 percent or a weight (mass) loss in excess of 1.0 percent, after 100 cycles, according to AASHTO T 161, Procedure B.

(e) Calcium Aluminate Cement. Calcium aluminate cement shall be used only where specified by the Engineer. The cement shall meet the standard physical requirements for Type I cement according to ASTM C 150, except the time of setting shall not apply. The chemical requirements shall be determined according to ASTM C 114 and shall be as follows: minimum 38 percent aluminum oxide ( $Al_2O_3$ ), maximum 42 percent calcium oxide (CaO), maximum 1 percent magnesium oxide (MgO), maximum 0.4 percent sulfur trioxide ( $SO_3$ ), maximum 1 percent loss on ignition, and maximum 3.5 percent insoluble residue.

**1001.02 Uniformity of Color.** Cement contained in single loads or in shipments of several loads to the same project shall not have visible differences in color.

**1001.03 Mixing Brands and Types.** Different brands or different types of cement from the same manufacturing plant, or the same brand or type from different plants shall not be mixed or used alternately in the same item of construction unless approved by the Engineer.

**1001.04 Storage.** Cement shall be stored and protected against damage, such as dampness which may cause partial set or hardened lumps. Different brands or different types of cement from the same manufacturing plant, or the same brand or type from different plants shall be kept separate."

80166

**ALKALI-SILICA REACTION FOR PRECAST AND PRECAST PRESTRESSED CONCRETE (BDE)**

Effective: January 1, 2009

Description. This special provision is intended to reduce the risk of a deleterious alkali-silica reaction in precast and precast prestressed concrete exposed to humid or wet conditions. The special provision is not intended or adequate for concrete exposed to potassium acetate, potassium formate, sodium acetate or sodium formate. The special provision shall not apply to the dry environment (humidity less than 60 percent) found inside buildings for residential or commercial occupancy. The special provision shall also not apply to cast-in-place concrete.

Aggregate Expansion Values. Each coarse and fine aggregate will be tested by the Department for alkali reaction according to ASTM C 1260. The test will be performed with Type I or II cement having a total equivalent alkali content ( $Na_2O + 0.658K_2O$ ) of 0.90 percent or greater. The Engineer will determine the assigned expansion value for each aggregate, and these values will be made available on the Department's Alkali-Silica Potential Reactivity Rating List. The Engineer may differentiate aggregate based on ledge, production method, gradation number, or other factors. An expansion value of 0.05 percent will be assigned to limestone or dolomite coarse aggregates and 0.03 percent to limestone or dolomite fine aggregates (manufactured stone sand); however the Department reserves the right to perform the ASTM C 1260 test.

Aggregate Groups. Each combination of aggregates used in a mixture will be assigned to an aggregate group. The point at which the coarse aggregate and fine aggregate expansion values intersect in the following table will determine the group.

AGGREGATE GROUPS			
Coarse Aggregate or Coarse Aggregate Blend  ASTM C 1260 Expansion	Fine Aggregate or Fine Aggregate Blend  ASTM C 1260 Expansion		
	≤ 0.16%	> 0.16% - 0.27%	> 0.27%
	≤ 0.16%	Group I	Group II
> 0.16% - 0.27%	Group II	Group II	Group III
> 0.27%	Group III	Group III	Group IV

Mixture Options. Based upon the aggregate group, the following mixture options shall be used; however, the Department may prohibit a mixture option if field performance shows a deleterious alkali-silica reaction or Department testing indicates the mixture may experience a deleterious alkali-silica reaction.

- Group I - Mixture options are not applicable. Use any cement or finely divided mineral.
- Group II - Mixture options 1, 2, 3, 4, or 5 shall be used.
- Group III - Mixture options 1, 2 and 3 combined, 4, or 5 shall be used.

Group IV - Mixture options 1, 2 and 4 combined, or 5 shall be used.

- a) Mixture Option 1. The coarse or fine aggregates shall be blended to place the material in a group that will allow the selected cement or finely divided mineral to be used.

When a coarse or fine aggregate is blended, the weighted expansion value shall be calculated separately for the coarse and fine aggregate as follows:

$$\text{Weighted Expansion Value} = (a/100 \times A) + (b/100 \times B) + (c/100 \times C) + \dots$$

Where: a, b, c... = percentage of aggregate in the blend;  
A, B, C... = expansion value for that aggregate.

- b) Mixture Option 2. A finely divided mineral shall be used as described in 1), 2), 3), or 4) that follow. The replacement ratio is defined as "finely divided mineral:portland cement".
- 1) Class F Fly Ash. For Class PC concrete, precast products, and PS concrete, Class F fly ash shall replace 15 percent of the portland cement at a minimum replacement ratio of 1.5:1.
  - 2) Class C Fly Ash. For Class PC Concrete, precast products, and Class PS concrete, Class C fly ash with 18 percent to less than 26.5 percent calcium oxide content, and less than 2.0 percent loss on ignition, shall replace 20 percent of the portland cement at a minimum replacement ratio of 1:1; or at a minimum replacement ratio of 1.25:1 if the loss on ignition is 2.0 percent or greater. Class C fly ash with less than 18 percent calcium oxide content shall replace 20 percent of the portland cement at a minimum replacement ratio of 1.25:1.
  - 3) Ground Granulated Blast-Furnace Slag. For Class PC concrete, precast products, and Class PS concrete, ground granulated blast-furnace slag shall replace 25 percent of the portland cement at a minimum replacement ratio of 1:1.
  - 4) Microsilica or High Reactivity Metakaolin. Microsilica solids or high reactivity metakaolin shall be added to the mixture at a minimum 25 lb/cu yd (15 kg/cu m) or 27 lb/cu yd (16 kg/cu m) respectively.
- c) Mixture Option 3. The cement used shall have a maximum total equivalent alkali content ( $\text{Na}_2\text{O} + 0.658\text{K}_2\text{O}$ ) of 0.60 percent. When aggregate in Group II is involved, any finely divided mineral may be used with a portland cement.
- d) Mixture Option 4. The cement used shall have a maximum total equivalent alkali content ( $\text{Na}_2\text{O} + 0.658\text{K}_2\text{O}$ ) of 0.45 percent. When aggregate in Group II or III is involved, any finely divided mineral may be used with a portland cement.
- e) Mixture Option 5. The proposed cement or finely divided mineral may be used if the ASTM C 1567 expansion value is  $\leq 0.16$  percent when performed on the aggregate in

the concrete mixture with the highest ASTM C 1260 test result. The ASTM C 1567 test will be valid for two years, unless the Engineer determines the materials have changed significantly. The 0.20 percent autoclave expansion limit in ASTM C 1567 shall not apply.

If during the two year time period the Contractor needs to replace the cement, and the replacement cement has an equal or lower total equivalent alkali content ( $\text{Na}_2\text{O} + 0.658\text{K}_2\text{O}$ ), a new ASTM C 1567 test will not be required.

Testing. If an individual aggregate has an ASTM C 1260 expansion value  $> 0.16$  percent, an ASTM C 1293 test may be performed by the Contractor to evaluate the Department's ASTM C 1260 test result. The ASTM C 1293 test shall be performed with Type I or II cement having a total equivalent alkali content ( $\text{Na}_2\text{O} + 0.658\text{K}_2\text{O}$ ) of 0.80 percent or greater. The interior vertical wall of the ASTM C 1293 recommended container (pail) shall be half covered with a wick of absorbent material consisting of blotting paper. If the testing laboratory desires to use an alternate container or wick of absorbent material, ASTM C 1293 test results with an alkali-reactive aggregate of known expansion characteristics shall be provided to the Engineer for review and approval. If the expansion is less than 0.040 percent after one year, the aggregate will be assigned an ASTM C 1260 expansion value of 0.08 percent that will be valid for two years, unless the Engineer determines the aggregate has changed significantly.

The Engineer reserves the right to verify a Contractor's ASTM C 1293 or 1567 test result. The Engineer will not accept the result if the precision and bias for the test methods are not met.

The laboratory performing the ASTM C 1567 test shall either be accredited by the AASHTO Materials Reference Laboratory (AMRL) for ASTM C 227 under Portland Cement or Aggregate; or shall be inspected for Hydraulic Cement - Physical Tests by the Cement and Concrete Reference Laboratory (CCRL) and shall be approved by the Department. The laboratory performing the ASTM C 1293 test shall be inspected for Portland Cement Concrete by CCRL and shall be approved by the Department.

80213

## **HOT-MIX ASPHALT – ANTI-STRIPPING ADDITIVE (BDE)**

Effective: November 1, 2009

Revise the first and second paragraphs of Article 1030.04(c) of the Standard Specifications to read:

“(c) Determination of Need for Anti-Stripping Additive. The mixture designer shall determine if an additive is needed in the mix to prevent stripping. The determination will be made on the basis of tests performed according to Illinois Modified AASHTO T 283. To be considered acceptable by the Department as a mixture not susceptible to stripping, the conditioned to unconditioned split tensile strength ratio (TSR) shall be equal to or greater than 0.85 for 6 in. (150 mm) specimens. Mixtures, either with or without an additive, with TSRs less than 0.85 for 6 in. (150 mm) specimens will be considered unacceptable. Also, the conditioned tensile strength for mixtures containing an anti-strip additive shall not be lower than the original conditioned tensile strength determined for the same mixture without the anti-strip additive.

If it is determined that an additive is required, the additive may be hydrated lime, slaked quicklime, or a liquid additive, at the Contractor's option.”

80245

**HOT-MIX ASPHALT - DENSITY TESTING OF LONGITUDINAL JOINTS (BDE)**

Effective: January 1, 2010

Description. This work shall consist of testing the density of longitudinal joints as part of the quality control/quality assurance (QC/QA) of hot-mix asphalt (HMA). Work shall be according to Section 1030 of the Standard Specifications except as follows.

Quality Control/Quality Assurance (QC/QA). Delete the second and third sentence of the third paragraph of Article 1030.05(d)(3) of the Standard Specifications.

Add the following paragraphs to the end of Article 1030.05(d)(3) of the Standard Specifications:

“Longitudinal joint density testing shall be performed at each random density test location. Longitudinal joint testing shall be located at a distance equal to the lift thickness or a minimum of 2 in. (50 mm), from each pavement edge. (i.e. for a 4 in. (100 mm) lift the near edge of the density gauge or core barrel shall be within 4 in. (100 mm) from the edge of pavement.) Longitudinal joint density testing shall be performed using either a correlated nuclear gauge or cores.

- a. Confined Edge. Each confined edge density shall be represented by a one-minute nuclear density reading or a core density and shall be included in the average of density readings or core densities taken across the mat which represents the Individual Test.
- b. Unconfined Edge. Each unconfined edge joint density shall be represented by an average of three one-minute density readings or a single core density at the given density test location and shall meet the density requirements specified herein. The three one-minute readings shall be spaced ten feet apart longitudinally along the unconfined pavement edge and centered at the random density test location.”

Revise the Density Control Limits table in Article 1030.05(d)(4) of the Standard Specifications to read:

Mixture Composition	Parameter	Individual Test (includes confined edges)	Unconfined Edge Joint Density Minimum
IL-9.5, IL-12.5	Ndesign ≥ 90	92.0 – 96.0%	90.0%
IL-9.5, IL-9.5L, IL-12.5	Ndesign < 90	92.5 – 97.4%	90.0%
IL-19.0, IL-25.0	Ndesign ≥ 90	93.0 – 96.0%	90.0%
IL-19.0, IL-19.0L, IL-25.0	Ndesign < 90	93.0 – 97.4%	90.0%
SMA	Ndesign = 50 & 80	93.5 – 97.4%	91.0%
All Other	Ndesign = 30	93.0 – 97.4%	90.0% <sup>a</sup>

80246

**HOT-MIX ASPHALT – DROP-OFFS (BDE)**

Effective: January 1, 2010

Revise the third paragraph of Article 701.07 of the Standard Specifications to read:

“At locations where construction operations result in a differential in elevation exceeding 3 in. (75 mm) between the edge of pavement or edge of shoulder within 3 ft (900 mm) of the edge of the pavement and the earth or aggregate shoulders, Type I or II barricades or vertical panels shall be placed at 100 ft (30 m) centers on roadways where the posted speed limit is 45 mph or greater and at 50 ft (15 m) centers on roadways where the posted speed limit is less than 45 mph.”

80250

**HOT-MIX ASPHALT - FINE AGGREGATE (BDE)**

Effective: April 1, 2010

Add the following to the gradation tables of Article 1003.01(c) of the Standard Specifications:

"FINE AGGREGATE GRADATIONS					
Grad No.	Sieve Size and Percent Passing				
	3/8	No. 4	No. 8	No. 16	No. 200
FA 22	100	6/	6/	8±8	2±2

FINE AGGREGATE GRADATIONS (Metric)					
Grad No.	Sieve Size and Percent Passing				
	9.5 mm	4.75 mm	2.36 mm	1.18 mm	75 µm
FA 22	100	6/	6/	8±8	2±2

6/ For the fine aggregate gradation FA 22, the aggregate producer shall set the midpoint percent passing, and the Department will apply a range of ± ten percent. The midpoint shall not be changed without Department approval."

Revise Article 1003.03(a) of the Standard Specifications to read:

"(a) Description. Fine aggregate for HMA shall consist of sand, stone sand, chats, slag sand, or steel slag sand. For gradation FA 22, uncrushed material will not be permitted."

Revise Article 1003.03(c) of the Standard Specifications to read:

"(c) Gradation. The fine aggregate gradation for all HMA shall be FA 1, FA 2, FA 20, FA 21, or FA 22.

Gradation FA 1, FA 2, or FA 3 shall be used when required for prime coat aggregate application for HMA."

80259

## **RECLAIMED ASPHALT PAVEMENT (RAP) (BDE)**

Effective: January 1, 2007

Revised: January 1, 2011

In Article 1030.02(g), delete the last sentence of the first paragraph in (Note 2).

Revise Section 1031 of the Standard Specifications to read:

### **"SECTION 1031. RECLAIMED ASPHALT PAVEMENT**

**1031.01 Description.** Reclaimed asphalt pavement (RAP) is reclaimed asphalt pavement resulting from cold milling or crushing of an existing dense graded hot-mix asphalt (HMA) pavement. The Contractor shall supply written documentation that the RAP originated from routes or airfields under federal, state, or local agency jurisdiction.

**1031.02 Stockpiles.** The Contractor shall construct individual, sealed RAP stockpiles meeting one of the following definitions. No additional RAP shall be added to the pile after the pile has been sealed. Stockpiles shall be sufficiently separated to prevent intermingling at the base. Stockpiles shall be identified by signs indicating the type as listed below (i.e. "Homogeneous Surface").

Prior to milling, the Contractor shall request the District to provide verification of the quality of the RAP to clarify appropriate stockpile.

- (a) **Fractionated RAP (FRAP).** FRAP shall consist of RAP from Class 1, Superpave (High ESAL), HMA (High ESAL), or equivalent mixtures. The coarse aggregate in FRAP shall be crushed aggregate and may represent more than one aggregate type and/or quality but shall be at least C quality. All FRAP shall be fractionated prior to testing by screening into a minimum of two size fractions with the separation occurring on or between the #4 (4.75 mm) and 1/2 in. (12.5 mm) sieves. Agglomerations shall be minimized such that 100 percent of the RAP in the coarse fraction shall pass one sieve size larger than the maximum sieve size specified for the mix the RAP will be used in.
- (b) **Homogeneous.** Homogeneous RAP stockpiles shall consist of RAP from Class 1, Superpave (High ESAL), HMA (High ESAL), or equivalent mixtures and represent: 1) the same aggregate quality, but shall be at least C quality; 2) the same type of crushed aggregate (either crushed natural aggregate, ACBF slag, or steel slag); 3) similar gradation; and 4) similar asphalt binder content. If approved by the Engineer, combined single pass surface/binder millings may be considered "homogenous" with a quality rating dictated by the lowest coarse aggregate quality present in the mixture.
- (c) **Conglomerate.** Conglomerate RAP stockpiles shall consist of RAP from Class 1, Superpave (High ESAL), HMA (High ESAL), or equivalent mixtures. The coarse aggregate in this RAP shall be crushed aggregate and may represent more than one aggregate type and/or quality but shall be at least C quality. This RAP may have an

inconsistent gradation and/or asphalt binder content prior to processing. All conglomerate RAP shall be processed prior to testing by crushing to where all RAP shall pass the 5/8 in. (16 mm) or smaller screen. Conglomerate RAP stockpiles shall not contain steel slag or other expansive material as determined by the Department.

(d) Conglomerate "D" Quality (DQ). Conglomerate DQ RAP stockpiles shall consist of RAP from Class I, Superpave (High or Low ESAL), HMA (High or Low ESAL), or equivalent mixtures. The coarse aggregate in this RAP may be crushed or round but shall be at least D quality. This RAP may have an inconsistent gradation and/or asphalt binder content. Conglomerate DQ RAP stockpiles shall not contain steel slag or other expansive material as determined by the Department.

(e) Non-Quality. RAP stockpiles that do not meet the requirements of the stockpile categories listed above shall be classified as "Non-Quality".

RAP/FRAP containing contaminants, such as earth, brick, sand, concrete, sheet asphalt, bituminous surface treatment (i.e. chip seal), pavement fabric, joint sealants, etc., will be unacceptable unless the contaminants are removed to the satisfaction of the Engineer. Sheet asphalt shall be stockpiled separately.

**1031.03 Testing.** When used in HMA, the RAP/FRAP shall be sampled and tested either during or after stockpiling.

For testing during stockpiling, washed extraction samples shall be run at the minimum frequency of one sample per 500 tons (450 metric tons) for the first 2000 tons (1800 metric tons) and one sample per 2000 tons (1800 metric tons) thereafter. A minimum of five tests shall be required for stockpiles less than 4000 tons (3600 metric tons).

For testing after stockpiling, the Contractor shall submit a plan for approval to the District proposing a satisfactory method of sampling and testing the RAP/FRAP pile either in-situ or by restockpiling. The sampling plan shall meet the minimum frequency required above and detail the procedure used to obtain representative samples throughout the pile for testing.

Before extraction, each field sample shall be split to obtain two samples of test sample size. One of the two test samples from the final split shall be labeled and stored for Department use. The Contractor shall extract the other test sample according to Department procedure. The Engineer reserves the right to test any sample (split or Department-taken) to verify Contractor test results.

**Evaluation of Test Results.** All of the extraction results shall be compiled and averaged for asphalt binder content and gradation and, when applicable  $G_{mm}$ . Individual extraction test results, when compared to the averages, will be accepted if within the tolerances listed below.

Parameter	FRAP/Homogeneous /Conglomerate	Conglomerate "D" Quality
1 in. (25 mm)		± 5 %

1/2 in. (12.5 mm)	± 8 %	± 15 %
No. 4 (4.75 mm)	± 6 %	± 13 %
No. 8 (2.36 mm)	± 5 %	
No. 16 (1.18 mm)		± 15 %
No. 30 (600 μm)	± 5 %	
No. 200 (75 μm)	± 2.0 %	± 4.0 %
Asphalt Binder	± 0.4 % <sup>1/</sup>	± 0.5 %
G <sub>mm</sub>	± 0.03	

1/ The tolerance for FRAP shall be ± 0.3 %.

If more than 20 percent of the individual sieves are out of the gradation tolerances, or if more than 20 percent of the asphalt binder content test results fall outside the appropriate tolerances, the RAP/FRAP shall not be used in HMA unless the RAP/FRAP representing the failing tests is removed from the stockpile. All test data and acceptance ranges shall be sent to the District for evaluation.

With the approval of the Engineer, the ignition oven may be substituted for extractions according to the Illinois Test Procedure, "Calibration of the Ignition Oven for the Purpose of Characterizing Reclaimed Asphalt Pavement (RAP)".

#### 1031.04 Quality Designation of Aggregate in RAP/FRAP.

(a) The aggregate quality of the RAP for homogenous, conglomerate, and conglomerate "D" quality stockpiles shall be set by the lowest quality of coarse aggregate in the RAP stockpile and are designated as follows.

(1) RAP from Class I, Superpave (High ESAL)/HMA (High ESAL), or HMA (Low ESAL) IL-9.5L surface mixtures are designated as containing Class B quality coarse aggregate.

(2) RAP from Superpave (Low ESAL)/HMA (Low ESAL) IL-19.0L binder mixture is designated as Class D quality coarse aggregate.

(3) RAP from Class I, Superpave (High ESAL), or HMA (High ESAL) binder mixtures, bituminous base course mixtures, and bituminous base course widening mixtures are designated as containing Class C quality coarse aggregate.

(4) RAP from bituminous stabilized subbase and BAM shoulders are designated as containing Class D quality coarse aggregate.

(b) The aggregate quality of FRAP shall be determined as follows.

- (1) If the Engineer has documentation of the quality of the FRAP aggregate, the Contractor shall use the assigned quality provided by the Engineer. If the quality is not known, the quality shall be determined according to Article 1031.04(b)(2).
- (2) Fractionated stockpiles containing plus #4 (4.75 mm) sieve coarse aggregate shall have a maximum tonnage of 5000 tons (4500 metric tons). The Contractor shall obtain a representative sample witnessed by the Engineer. The sample shall be a minimum of 50 lb (25 kg). The sample shall be extracted according to Illinois Modified AASHTO T 164 by a consultant prequalified by the Department for the specified testing. The consultant shall submit the test results along with the recovered aggregate to the District Office. The cost for this testing shall be paid by the Contractor. The District will forward the sample to the BMPR Aggregate Lab for MicroDeval Testing, according to Illinois Modified AASHTO T 327. A maximum loss of 15.0 percent will be applied for all HMA applications."

**1031.05 Use of RAP/FRAP in HMA.** The use of RAP/FRAP shall be a Contractor's option when constructing HMA in all contracts. The use of RAP/FRAP in HMA shall be as follows.

- (a) Coarse Aggregate Size. The coarse aggregate in all RAP shall be equal to or less than the nominal maximum size requirement for the HMA mixture to be produced.
- (b) Steel Slag Stockpiles. RAP stockpiles containing steel slag or other expansive material, as determined by the Department, shall be homogeneous and will be approved for use in HMA (High ESAL and Low ESAL) surface mixtures only.
- (c) Use in HMA Surface Mixtures (High and Low ESAL). RAP/FRAP stockpiles for use in HMA surface mixtures (High and Low ESAL) shall be FRAP or homogeneous in which the coarse aggregate is Class B quality or better.
- (d) Use in HMA Binder Mixtures (High and Low ESAL), HMA Base Course, and HMA Base Course Widening. RAP/FRAP stockpiles for use in HMA binder mixtures (High and Low ESAL), HMA base course, and HMA base course widening shall be FRAP, homogeneous, or conglomerate, in which the coarse aggregate is Class C quality or better.
- (e) Use in Shoulders and Subbase. RAP/FRAP stockpiles for use in HMA shoulders and stabilized subbase (HMA) shall be FRAP, homogeneous, conglomerate, or conglomerate DQ.
- (f) When the Contractor chooses the RAP option, the percentage of RAP shall not exceed the amounts indicated in the table below for a given N Design.

Max RAP Percentage

HMA Mixtures <sup>1/,3/</sup>	Maximum % RAP		
	Binder/Leveling	Surface	Polymer
Ndesign			

	Binder		Modified
30	30	30	10
50	25	15	10
70	15 / 25 <sup>2/</sup>	10 / 15 <sup>2/</sup>	10
90	10	10	10
105	10	10	10

1/ For HMA shoulder and stabilized subbase (HMA) N-30, the amount of RAP shall not exceed 50% of the mixture.

2/ Value of Max % RAP if homogeneous RAP stockpile of IL-9.5 RAP is utilized.

3/ When RAP exceeds 20 percent, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent RAP would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28). If warm mix asphalt (WMA) technology is utilized, and production temperatures do not exceed 275°F (135 °C) the grades shall be reduced as follows:

Overlays:

When WMA contains between 20 and 30 percent RAP the high temperature shall be reduced by one grade (i.e. 25 percent RAP would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-22). When WMA contains 30 percent or more RAP the high and low temperature grades shall each be reduced by one grade (i.e. 35 percent RAP would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28).

Full Depth:

When WMA contains between 20 and 30 percent RAP, the low temperature shall be reduced by one grade (i.e. 25 percent RAP would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG64-28). When the WMA contains 30 percent or more RAP the high and low temperature grades shall each be reduced by one grade (i.e. 35 percent RAP would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28).

(g) When the Contractor chooses the FRAP option, the percentage of FRAP shall not exceed the amounts indicated in the table below for a given N Design.

Max FRAP Percentage

HMA Mixtures <sup>1/,2/</sup>	Maximum % FRAP		
	Binder/Leveling Binder	Surface	Polymer Modified
Ndesign			
30	35	35	10
50	30	25	10
70	25	20	10

90	20	15	10
105	10	10	10

- 1/ For HMA shoulder and stabilized subbase (HMA) N30, the amount of FRAP shall not exceed 50 percent of the mixture.
- 2/ When FRAP exceeds 20 percent, the high and low virgin asphalt binder grades shall each be reduced by one grade (i.e. 25 percent FRAP would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28). If warm mix asphalt (WMA) technology is utilized, and production temperatures do not exceed 275°F (135 °C) the grades shall be reduced as follows:

Overlays:

When WMA contains between 20 and 30 percent FRAP the high temperature shall be reduced by one grade (i.e. 25 percent FRAP would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-22). When WMA contains 30 percent or more FRAP the high and low temperature grades shall each be reduced by one grade (i.e. 35 percent FRAP would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28).

Full Depth:

When WMA contains between 20 and 30 percent FRAP, the low temperature shall be reduced by one grade (i.e. 25 percent FRAP would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG64-28). When the WMA contains 30 percent or more FRAP the high and low temperature grades shall each be reduced by one grade (i.e. 35 percent FRAP would require a virgin asphalt binder grade of PG64-22 to be reduced to a PG58-28).

**1031.06 HMA Mix Designs.** At the Contractor's option, HMA mixtures may be constructed utilizing RAP/FRAP material meeting the above detailed requirements.

RAP/FRAP designs shall be submitted for volumetric verification. If additional RAP/FRAP stockpiles are tested and found that no more than 20 percent of the results, as defined under "Testing" herein, are outside of the control tolerances set for the original RAP/FRAP stockpile and HMA mix design, and meets all of the requirements herein, the additional RAP/FRAP stockpiles may be used in the original mix design at the percent previously verified.

**1031.07 HMA Production.** The coarse aggregate in all RAP used shall be equal to or less than the nominal maximum size requirement for the HMA mixture being produced.

To remove or reduce agglomerated material, a scalping screen, gator, crushing unit, or comparable sizing device approved by the Engineer shall be used in the RAP feed system to remove or reduce oversized material. If material passing the sizing device adversely affects the mix production or quality of the mix, the sizing device shall be set at a size specified by the Engineer.

If the RAP/FRAP control tolerances or QC/QA test results require corrective action, the Contractor shall cease production of the mixture containing RAP/FRAP and either switch to the virgin aggregate design or submit a new RAP/FRAP design.

HMA plants utilizing RAP/FRAP shall be capable of automatically recording and printing the following information.

(a) Dryer Drum Plants.

- (1) Date, month, year, and time to the nearest minute for each print.
- (2) HMA mix number assigned by the Department.
- (3) Accumulated weight of dry aggregate (combined or individual) in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).
- (4) Accumulated dry weight of RAP/FRAP in tons (metric tons) to the nearest 0.1 ton (0.1 metric ton).
- (5) Accumulated mineral filler in revolutions, tons (metric tons), etc. to the nearest 0.1 unit.
- (6) Accumulated asphalt binder in gallons (liters), tons (metric tons), etc. to the nearest 0.1 unit.
- (7) Residual asphalt binder in the RAP/FRAP material as a percent of the total mix to the nearest 0.1 percent.
- (8) Aggregate and RAP/FRAP moisture compensators in percent as set on the control panel. (Required when accumulated or individual aggregate and RAP/FRAP are printed in wet condition.)

(b) Batch Plants.

- (1) Date, month, year, and time to the nearest minute for each print.
- (2) HMA mix number assigned by the Department.
- (3) Individual virgin aggregate hot bin batch weights to the nearest pound (kilogram).
- (4) Mineral filler weight to the nearest pound (kilogram).
- (5) RAP/FRAP weight to the nearest pound (kilogram).
- (6) Virgin asphalt binder weight to the nearest pound (kilogram).

- (7) Residual asphalt binder in the RAP/FRAP material as a percent of the total mix to the nearest 0.1 percent.

The printouts shall be maintained in a file at the plant for a minimum of one year or as directed by the Engineer and shall be made available upon request. The printing system will be inspected by the Engineer prior to production and verified at the beginning of each construction season thereafter.

**1031.08 RAP in Aggregate Surface Course and Aggregate Shoulders.** The use of RAP in aggregate surface course and aggregate shoulders shall be as follows.

- (a) Stockpiles and Testing. RAP stockpiles may be any of those listed in Article 1031.02, except "Non-Quality" and "FRAP". The testing requirements of Article 1031.03 shall not apply.
- (b) Gradation. One hundred percent of the RAP material shall pass the 1 1/2 in. (37.5 mm) sieve. The RAP material shall be reasonably well graded from coarse to fine. RAP material that is gap-graded or single sized will not be accepted."

80172

State of Illinois  
DEPARTMENT OF TRANSPORTATION  
Bureau of Local Roads & Streets

SPECIAL PROVISION  
FOR  
SELECTION OF LABOR

Effective: August 1, 2010

The Contractor shall comply with all Illinois statutes pertaining to the selection of labor.

Employment of Illinois Workers During Periods of Excessive Unemployment. Whenever there is a period of excessive unemployment in Illinois, which is defined herein as any month immediately following two consecutive calendar months during which the level of unemployment in the State of Illinois has exceeded five percent as measured by the United States Bureau of Labor Statistics in its monthly publication of employment and unemployment figures, the Contractor shall employ at least 90% Illinois laborers. "Illinois laborer" means any person who has resided in Illinois for at least 30 days and intends to become or remain an Illinois resident.

Other laborers may be used when Illinois laborers as defined herein are not available, or are incapable of performing the particular type of work involved, if so certified by the Contractor and approved by the Engineer. The Contractor may place no more than three of his regularly employed non-resident executive and technical experts, who do not qualify as Illinois laborers, to do work encompassed by this Contract during a period of excessive unemployment.

This provision applies to all labor, whether skilled, semi-skilled or unskilled, whether manual or non-manual.

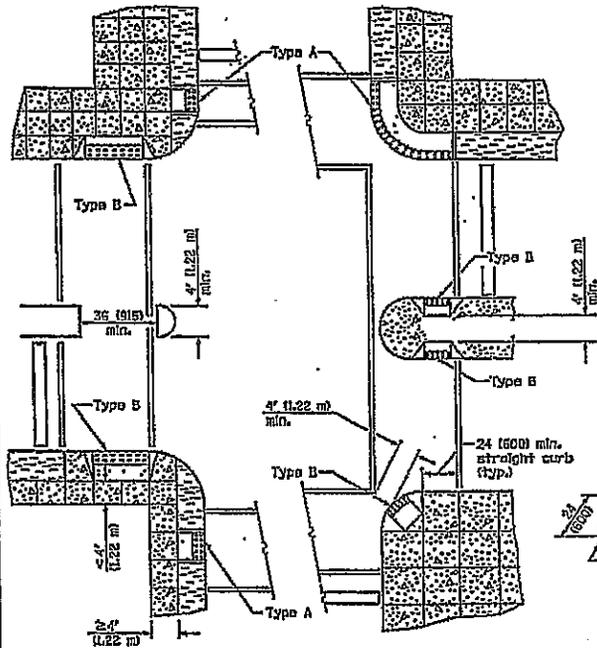
State of Illinois  
Department of Transportation  
Bureau of Local Roads and Streets  
SPECIAL PROVISION  
FOR  
CONSTRUCTION AND MAINTENANCE SIGNS

Effective: January 1, 2004  
Revised: June 1, 2007

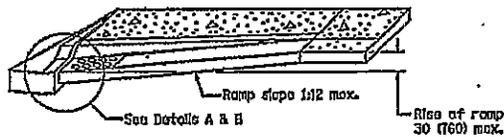
All references to Sections or Articles in this specification shall be construed to mean a specific Section or Article of the Standard Specifications for Road and Bridge Construction, adopted by the Department of Transportation.

701.14. Signs. Add the following paragraph to Article 701.14:

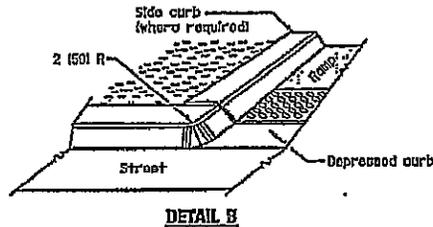
All warning signs shall have minimum dimensions of 1200 mm x 1200 mm (48" x 48") and have a black legend on a fluorescent orange reflectorized background, meeting, as a minimum, Type AP reflectivity requirements of Table 1091-2 in Article 1091.02.



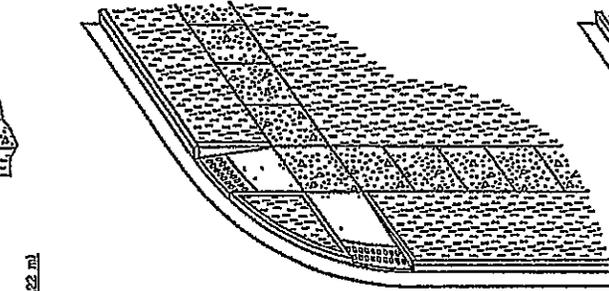
**RECOMMENDED LOCATION OF RAMPS**



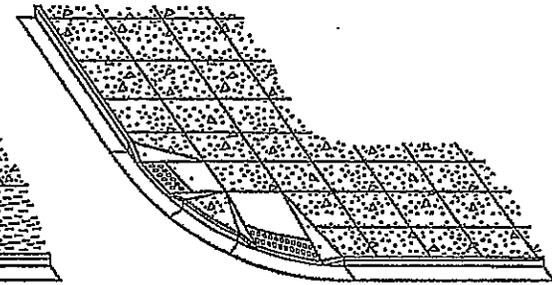
**RAMP PROFILE**



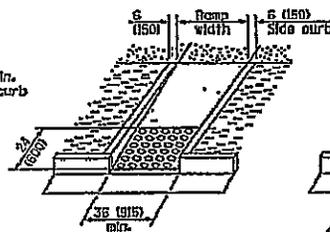
**DETAIL B**



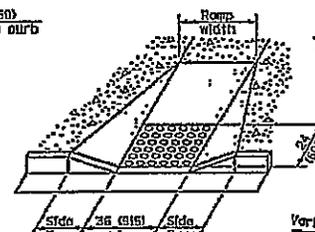
**TYPE A RAMPS**



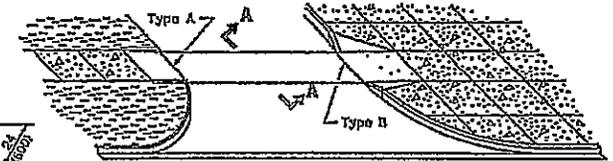
**TYPE B RAMPS**



**TYPE A**



**TYPE B**

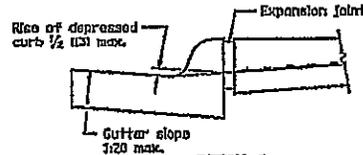


**RAMPS AT ALLEYS OR ENTRANCES**

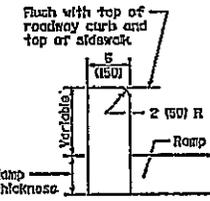
Variable 2% max. Variable

**SECTION A-A**

**DETAILS OF RAMPS**



**DETAIL A**



**DETAIL OF SIDE CURB**  
(Side curb may be constructed monolithically with ramp)

**GENERAL NOTES**

Detectable warnings shall be installed at curb ramps, medians and pedestrian refuge islands, at-grade railroad crossings, transit platform edges, and other locations where pedestrian crossings are required to cross a hazardous vehicular way. Detectable warnings shall also be installed at alleys and commercial entrances when permanent traffic control devices are present.

The maximum slope of the side flare for Type B ramps shall be 1:10; however, if the width of the landing area between the top of the ramp and an obstruction is less than 4'-0" (1.22 m) then the maximum slope shall be 1:12.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in inches (millimeters) unless otherwise shown.

**LEGEND**

- Sidewalk
- Ramp
- Detectable Warnings
- Non walking area

DATE	REVISIONS
1-1-08	Switched units to English (metric).
8-1-05	Revised placement of detectable warnings.
	title.

**CURB RAMPS FOR SIDEWALKS**

(Sheet 1 of 2)

**STANDARD 424001-05**

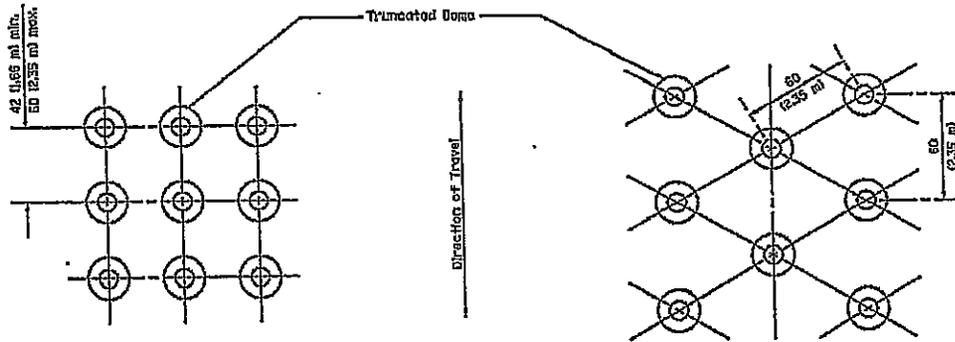
Missouri Department of Transportation

PASSED January 3, 2008

ENGINEER OF POLICY AND PROCEDURES APPROVED January 3, 2008

SESION 10/2/07

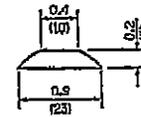
evaluator of DESIGN AND ENVIRONMENT



**SQUARE PATTERN**  
(Parallel Alignment)

**TRIANGULAR PATTERN**

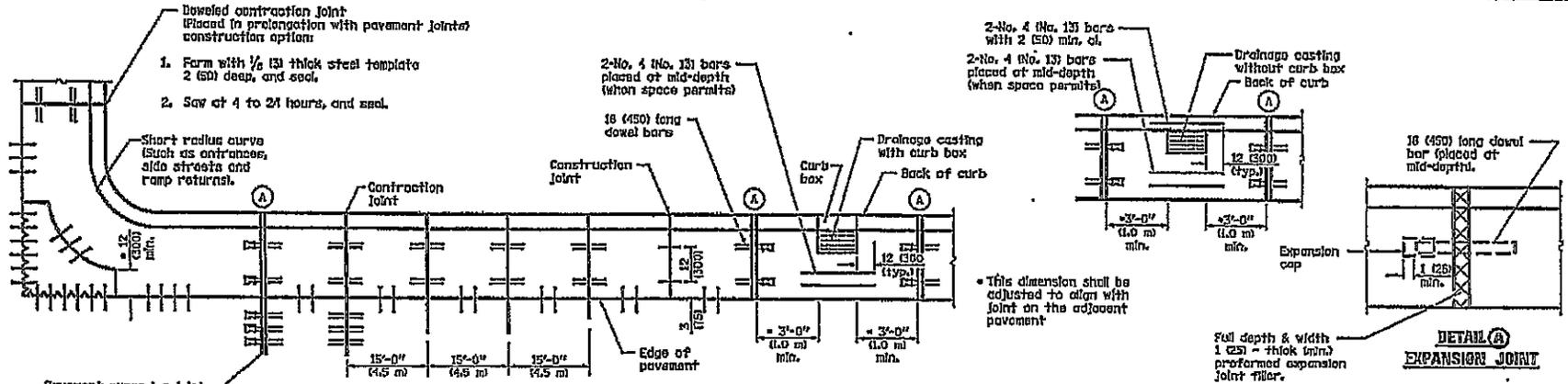
**DETECTABLE WARNINGS DETAIL**



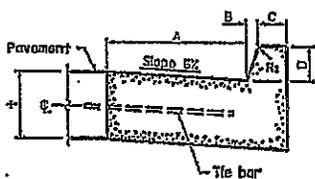
**TRUNCATED DOME DETAIL**

Illinois Department of Transportation	
PASSED	January 1, 2004
ENGINEER OF POLICY AND PROCEDURES	
APPROVED	January 1, 2004
ENGINEER OF DESIGN AND ENVIRONMENT	

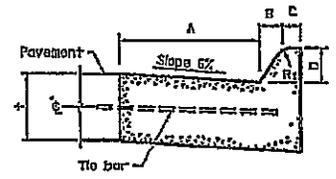
<b>CURB RAMPS FOR SIDEWALKS</b> <small>(Sheet 2 of 2)</small>
<b>STANDARD 424001-05</b>



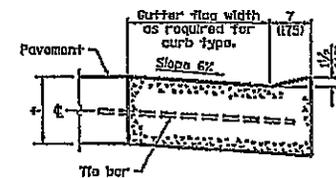
**PLAN**  
**ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE**



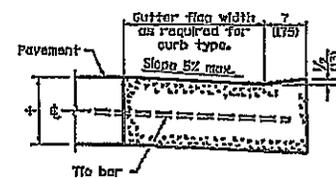
**BARRIER CURB**



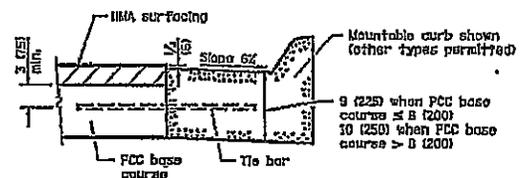
**MOUNTABLE CURB**



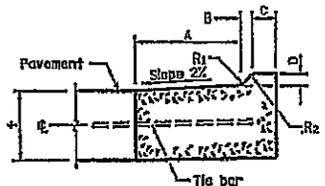
**DEPRESSED CURB (TYPICAL)**



**DEPRESSED CURB ADJACENT TO CURB RAMP ACCESSIBLE TO THE DISABLED**



**ADJACENT TO PCC BASE COURSE WITH HMA SURFACING**



**M-2.06 (M-5.15) and M-2.12 (M-5.30)**

**TABLE OF DIMENSIONS BARRIER CURB**

TYPE	A	B	C	D	R <sub>1</sub>	R <sub>2</sub>
B-6.12 (B-15.3)	12 (300)	1 (25)	6 (150)	6 (150)	1 (25)	1 (25)
B-6.18 (B-15.45)	18 (450)	1 (25)	6 (150)	6 (150)	1 (25)	1 (25)
B-6.24 (B-15.60)	24 (600)	1 (25)	6 (150)	6 (150)	1 (25)	1 (25)
B-9.12 (B-22.30)	12 (300)	2 (50)	9 (225)	9 (225)	1 (25)	1 (25)
B-9.18 (B-22.45)	18 (450)	2 (50)	9 (225)	9 (225)	1 (25)	1 (25)
B-9.24 (B-22.60)	24 (600)	2 (50)	9 (225)	9 (225)	1 (25)	1 (25)

**TABLE OF DIMENSIONS MOUNTABLE CURB**

TYPE	A	B	C	D	R <sub>1</sub>	R <sub>2</sub>
M-2.06 (M-5.15)	2 (4)	2 (4)	2 (3)	2 (3)	2 (3)	2 (3)
M-2.12 (M-5.30)	12 (300)	2 (4)	2 (3)	2 (3)	2 (3)	2 (3)
M-4.06 (M-10.15)	6 (150)	4 (3)	4 (3)	4 (3)	NA	NA
M-4.12 (M-10.30)	12 (300)	4 (3)	4 (3)	4 (3)	NA	NA
M-4.18 (M-10.45)	18 (450)	4 (3)	4 (3)	4 (3)	NA	NA
M-4.24 (M-10.60)	24 (600)	4 (3)	4 (3)	4 (3)	NA	NA
M-6.06 (M-15.15)	6 (150)	6 (2)	6 (2)	6 (2)	NA	NA
M-6.12 (M-15.30)	12 (300)	6 (2)	6 (2)	6 (2)	NA	NA
M-6.18 (M-15.45)	18 (450)	6 (2)	6 (2)	6 (2)	NA	NA
M-6.24 (M-15.60)	24 (600)	6 (2)	6 (2)	6 (2)	NA	NA

**GENERAL NOTES**

The bottom slope of combination curb and gutter constructed adjacent to pcc pavement shall be the same slope as the subbase or 6% when subbase is omitted.

+ = Thickness of pavement.

Longitudinal joint tie bars shall be No. 6 (No. 19) at 24 (600) centers in accordance with details for longitudinal construction joint shown on Standard 42000.

A minimum clearance of 2 (50) between the end of the tie bar and the back of the curb shall be maintained.

All dimensions are in inches (millimeters) unless otherwise shown.

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-07	Switched to Hot-Mix Asphalt (HMA) terminology.

**CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER**

(Sheet 1 of 2)

**STANDARD 606001-D6**

Texas Department of Transportation

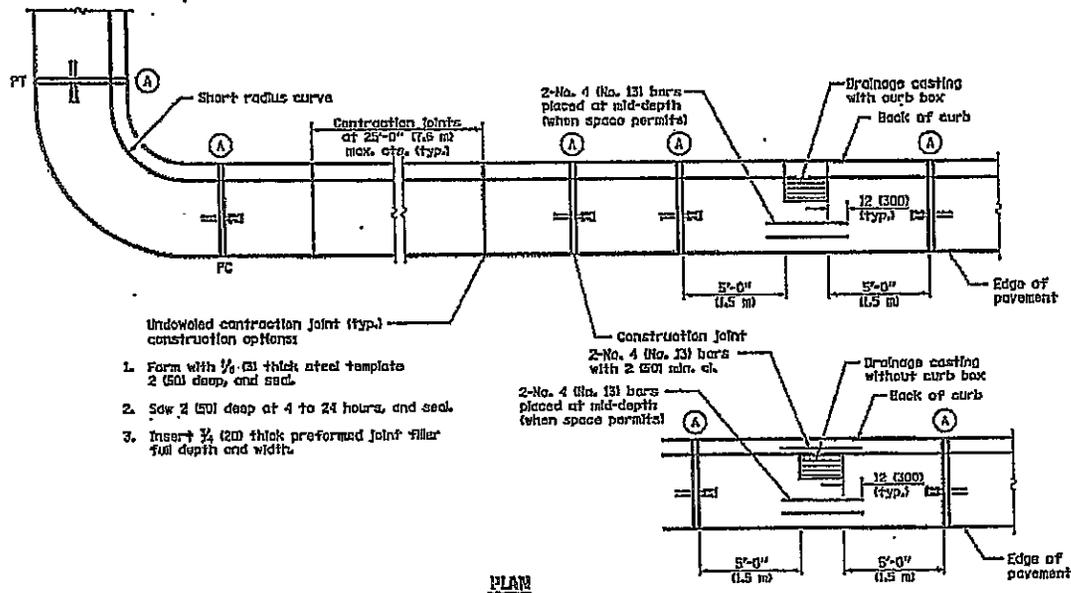
PROJECT: *San Antonio, 2009*

ENGINEER OF POLICE AND PROCEDURES

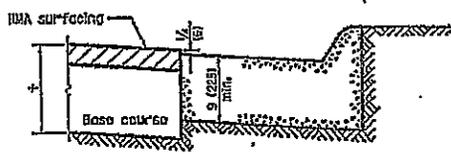
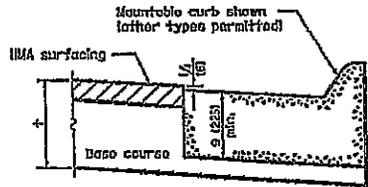
APPROVED: *January 1, 2009*

ENGINEER OF DESIGN AND ENVIRONMENT

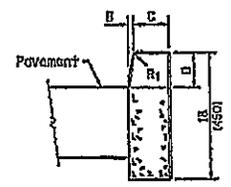
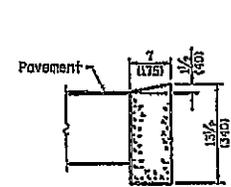
REVISION: 1-1-07



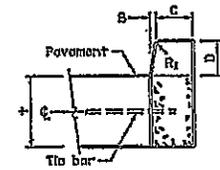
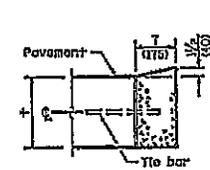
PLAN



ADJACENT TO FLEXIBLE PAVEMENT



ADJACENT TO FLEXIBLE PAVEMENT



ADJACENT TO PCC PAVEMENT OR PCC BASE COURSE

CONCRETE CURB TYPE B

Illinois Department of Transportation

PASSED January 1, 2003

ENGINEER OF POLICY AND PROCEDURES

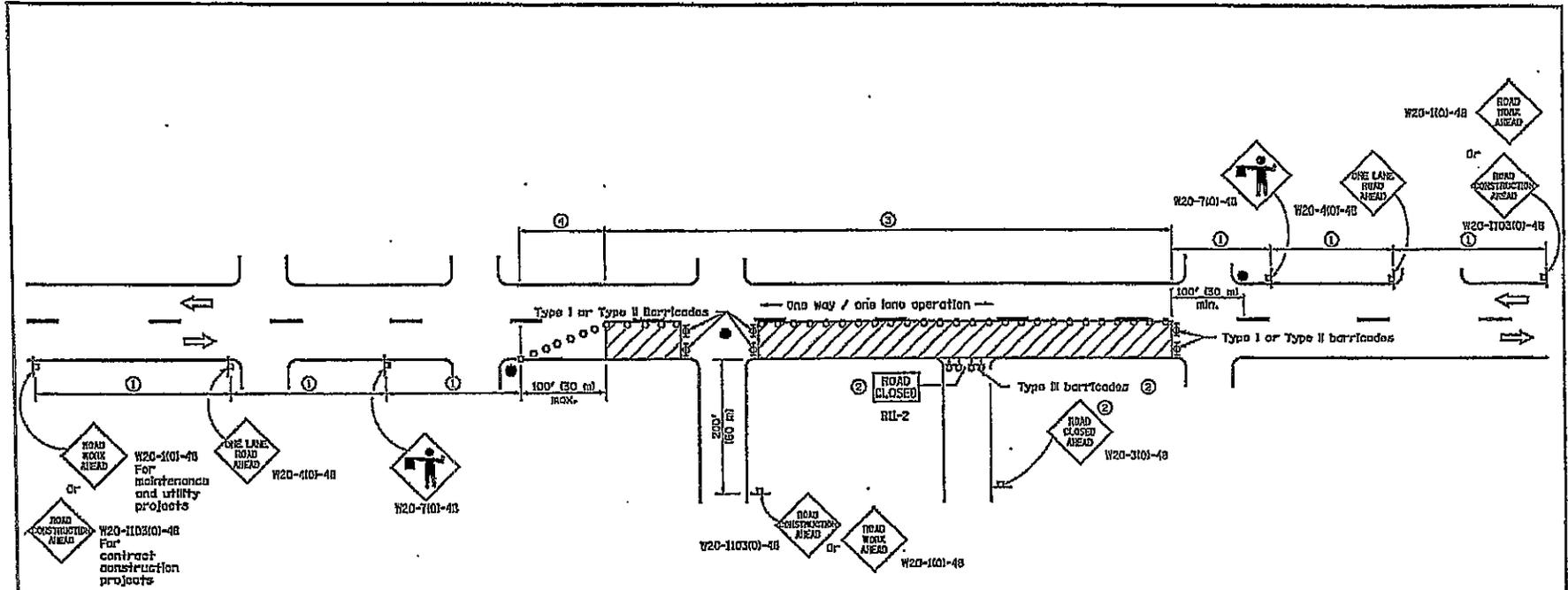
APPROVED January 1, 2003

SUPERVISOR OF DESIGN AND ENVIRONMENT

ISSUED 1-1-07

**CONCRETE CURB TYPE B  
AND COMBINATION  
CONCRETE CURB AND GUTTER**  
(Sheet 2 of 2)

STANDARD 606001-04



SIGN SPACING	
Posted Speed	Sign Spacing
55	600' (180 m)
50-45	350' (100 m)
<45	200' (60 m)

**SYMBOLS**

- Work area
- Cone, drum or barricade (not required for moving operations)
- Sign on portable or permanent support
- Flagger with traffic control sign
- Barricade or drum with flashing light
- Type III barricade with flashing lights

- ① Refer to SIGN SPACING TABLE for distances.
- ② For approved shoulder closures.
- ③ Cones at 25' (8 m) centers for 250' (75 m). Additional cones may be placed at 60' (18 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- ④ Cones, drums or barricades at 20' (6 m) centers.

**GENERAL NOTES**

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement resulting the closure of one traffic lane in an urban area.

All dimensions are in inches (millimeters) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2011

*Michael C. Blum*  
ENGINEER OF SAFETY ENGINEERING

APPROVED January 1, 2011

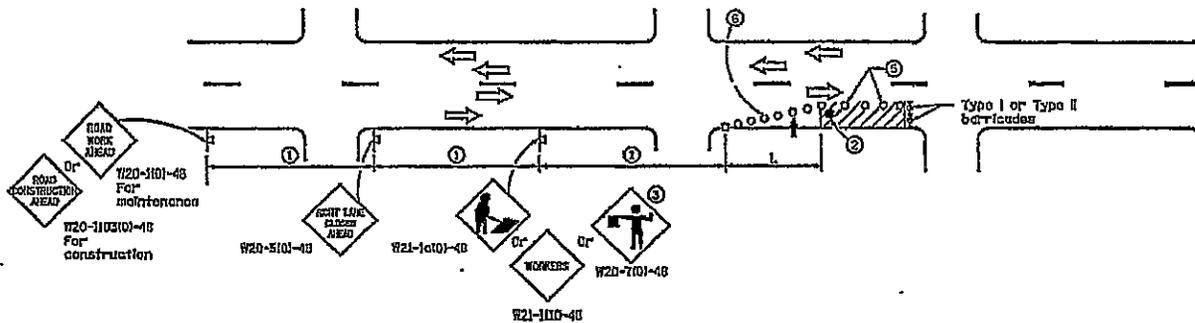
*Scott Smith*  
ENGINEER OF DESIGN AND ENVIRONMENT

12-3-3-00000

DATE	REVISIONS
1-1-11	Revised flagger sign.
1-1-09	Switched units to English (metric).
	Corrected sign No.'s.

**URBAN LANE CLOSURE,  
2L, 2W, UNDIVIDED**

STANDARD 701601-06



SIGN SPACING	
Posted Speed	Sign Spacing
35	500' (150 m)
50-45	350' (100 m)
45	200' (60 m)

**SYMBOLS**

- Arrow board
- Cone, drum or barricade
- Sign on portable or permanent support
- Work area
- Barricade or drum with flashing light
- Type III barricade with flashing lights
- Flagger with traffic control sign.

- ① Refer to SIGN SPACING TABLE for distances.
- ② Required for speeds > 40 mph.
- ③ Use flagger sign only when flagger is present.
- ④ For approved alternate closures.
- ⑤ Cones at 25' (8 m) centers for 250' (76 m). Additional cones may be placed at 50' (15 m) centers. When drums or Type I or Type II barricades are used, the interval between devices may be doubled.
- ⑥ Cones, drums or barricades at 6' (2 m) centers in taper.
- ⑦ Repeat every 1 mile (1.6 km).

**GENERAL NOTES**

This Standard is used where at any time, day or night, any vehicle, equipment, workers or their activities encroach on the pavement requiring the closure of one or more traffic lanes in an urban area.

Calculate L as follows:

SPEED LIMIT	FORMULAS	
	English	Metric
40 mph (70 km/h) or less:	$L = \frac{WS^2}{90}$	$L = \frac{WS^2}{150}$
45 mph (80 km/h) or greater:	$L = (WS)$	$L = 0.65(W/S)$

W = Width of offset in feet (meters).

S = Normal posted speed mph (km/h).

All dimensions are in inches (millimeters) unless otherwise shown.

Michigan Department of Transportation

APPROVED January 1, 2011

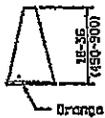
APPROVED January 1, 2002

ENGINEER OF DESIGN AND ENVIRONMENT

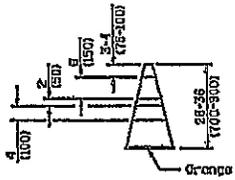
ISSUED 3-3-97

DATE	REVISIONS	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN (Sheet 1 of 2)
1-1-11	Revised flagger sign.	
1-1-09	Switched units to English (metric). Omitted large arrow signs.	
		<b>STANDARD 701606-07</b>

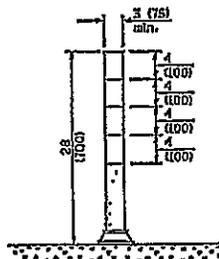




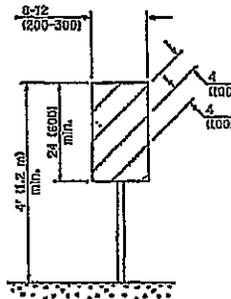
**CONE**



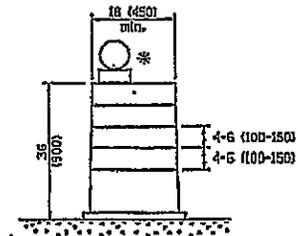
**REFLECTORIZED CONE**



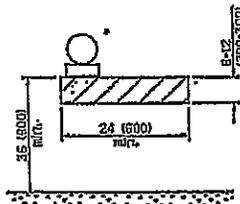
**FLEXIBLE DELINEATOR**



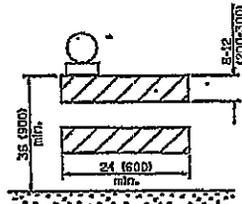
**VERTICAL PANEL  
POST MOUNTED**



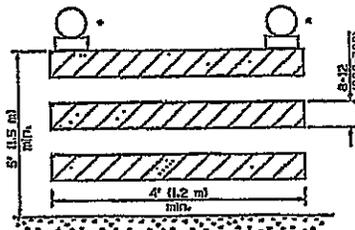
**DRUM**



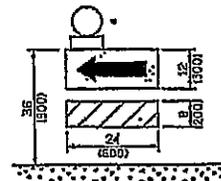
**TYPE I BARRICADE**



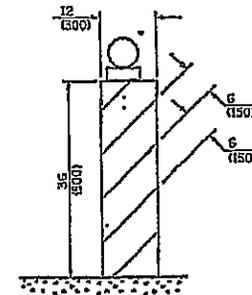
**TYPE II BARRICADE**



**TYPE III BARRICADE**



**DIRECTION INDICATOR  
BARRICADE**



**VERTICAL BARRICADE**

\* Warning lights (if required)

**GENERAL NOTES**

All heights shown shall be measured above the pavement surface.

All dimensions are in inches (millimeters) unless otherwise shown.

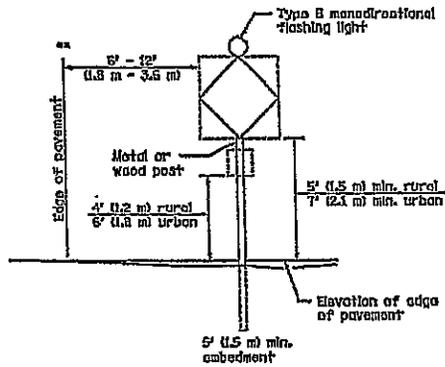
APPROVED	JANUARY 1, 2003
ENGINEER OF OPERATIONS	<i>[Signature]</i>
APPROVED	JANUARY 1, 2003
ENGINEER OF DESIGN AND ENVIRONMENT	<i>[Signature]</i>

DATE	REVISIONS
1-1-09	Switched units to English metric. Omitted light on vertical panel.
1-1-08	Renumbered Standard 702001-06, Rev. note for temp. signs on Sheet 2.

**TRAFFIC CONTROL  
DEVICES**

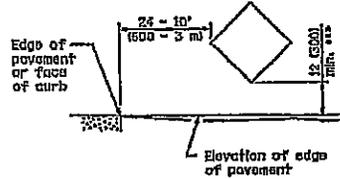
(Sheet 1 of 3)

**STANDARD 701501-01**



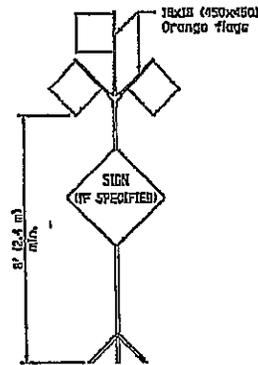
**POST MOUNTED SIGNS**

•• When curb or paved shoulder are present this dimension shall be 24 (600) to the face of curb or 6' (1.8 m) to the outside edge of the paved shoulder.



**SIGNS ON TEMPORARY SUPPORTS**

••• When work operations exceed four days, this dimension shall be 5' (1.5 m) min. If located behind other devices, the height shall be sufficient to be seen by motorists.



**HIGH LEVEL WARNING DEVICE**

**ROAD CONSTRUCTION NEXT X MILES**

**END CONSTRUCTION**

620-100-6036

620-20(0)-6024

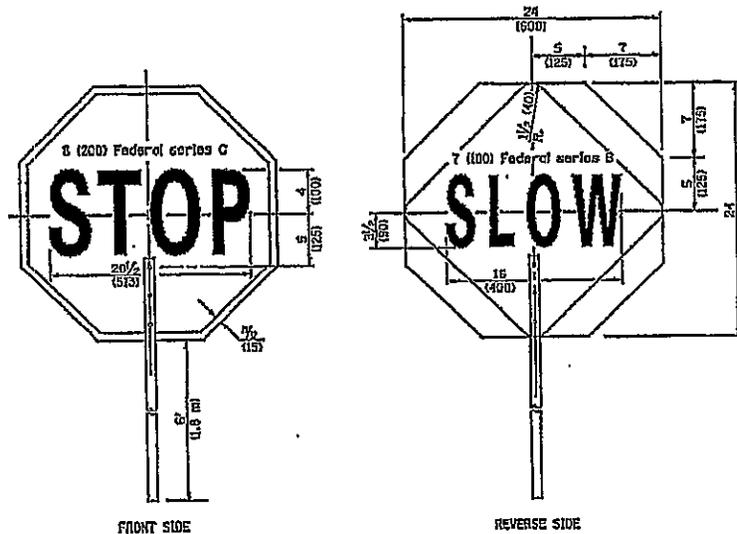
This signing is required for all projects 2 miles (3200 m) or more in length.

ROAD CONSTRUCTION NEXT X MILES sign shall be placed 500' (150 m) in advance of project limits.

END CONSTRUCTION sign shall be erected at the end of the job unless another job is within 2 miles (3200 m).

Dual sign displays shall be utilized on multi-lane highways.

**WORK LIMIT SIGNING**



FRONT SIDE

REVERSE SIDE

**FLAGGER TRAFFIC CONTROL SIGN**

All dimensions are in inches (millimeters) unless otherwise shown.

**TRAFFIC CONTROL DEVICES**

(Sheet 2 of 3)

STANDARD 701901-01

Illinois Department of Transportation

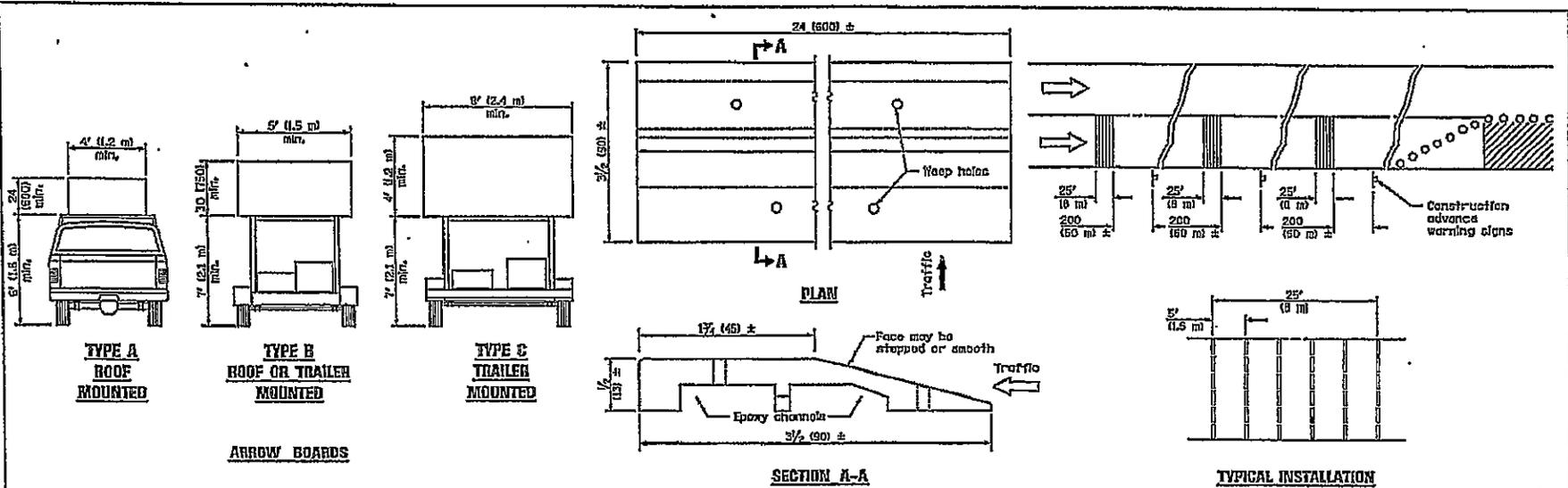
APPROVED January 1, 2003

ENGINEER OF OPERATIONS

APPROVED January 1, 2003

ENGINEER OF DESIGN AND CONSTRUCTION

ISSUED 13-97

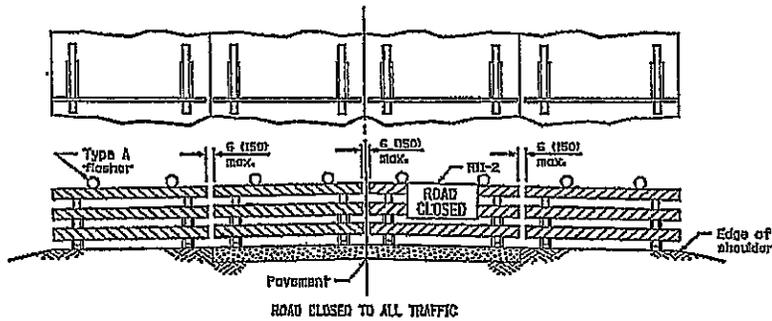


ARROW BOARDS

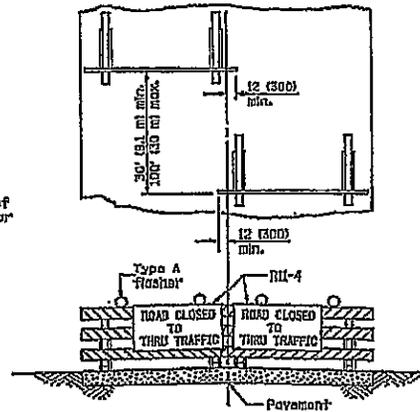
SECTION A-A

TYPICAL INSTALLATION

TEMPORARY RUMBLE STRIPS



ReflectORIZED striping may be omitted on the back side of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the sign may be mounted on an NCHRP 350 temporary sign support directly in front of the barricade.



ROAD CLOSED TO THRU TRAFFIC  
 ReflectORIZED striping shall appear on both sides of the barricades. If a Type III barricade with an attached sign panel which meets NCHRP 350 is not available, the signs may be mounted on NCHRP 350 temporary sign supports directly in front of the barricade.

TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD

Illinois Department of Transportation

APPROVED January 1, 2003

ENGINEER OF OPERATIONS

APPROVED January 1, 2003

ENGINEER OF DESIGN AND ENVIRONMENT

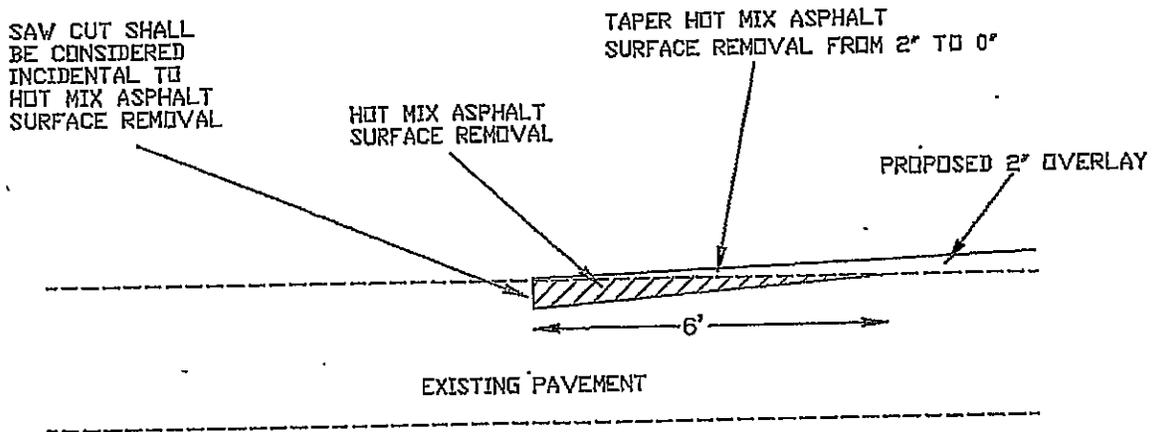
All dimensions are in inches (millimeters) unless otherwise shown.

TRAFFIC CONTROL DEVICES

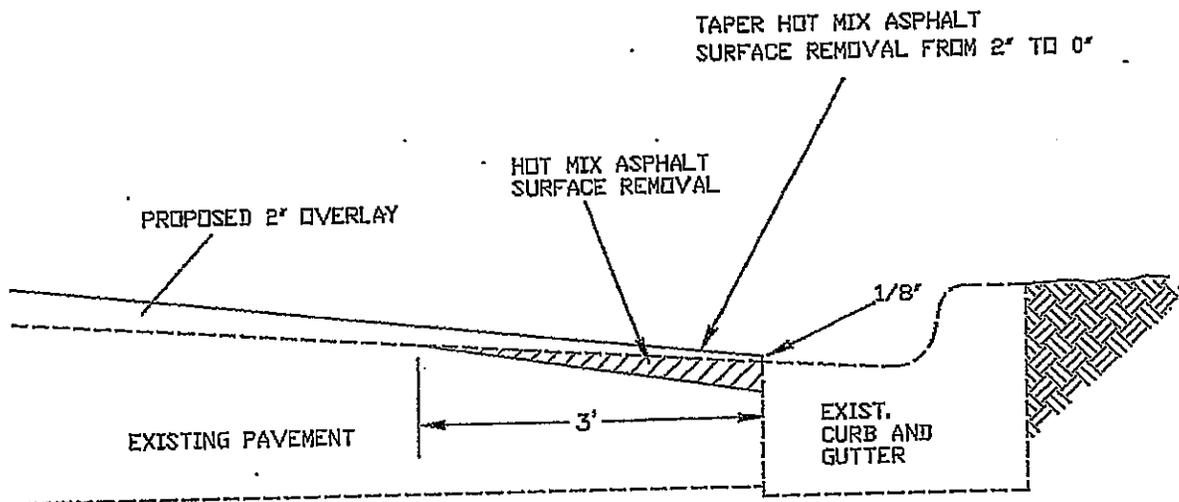
(Sheet 3 of 3)

STANDARD 701901-01

# EXHIBIT <sup>99</sup> A <sup>99</sup>



## 6' HOT MIX ASPHALT SURFACE REMOVAL (BUTT JOINT)

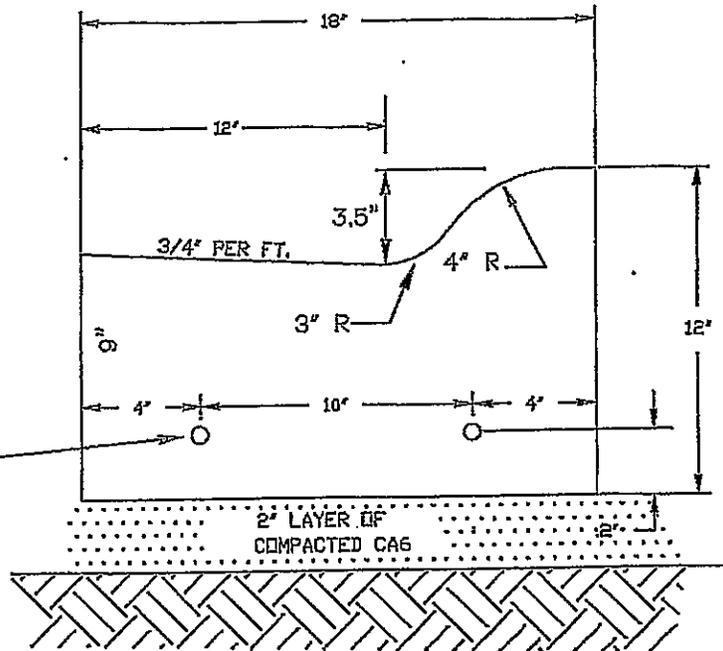


## 3' HOT MIX ASPHALT SURFACE REMOVAL AT CURB AND GUTTER

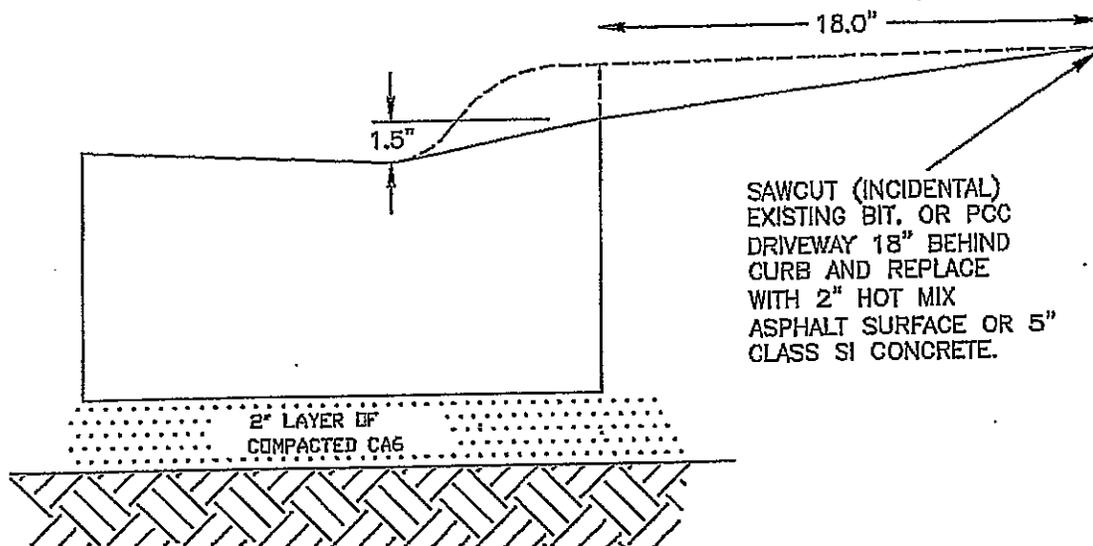
# EXHIBIT "B" (1 of 2)

EXPANSION JOINTS EVERY 60'.  
SAW CONSTRUCTION JOINTS EVERY 15' AT 3" DEPTH

2 NO. 5 DOWEL BARS AT EXPANSION JOINTS.



**M3.12 CURB & GUTTER**



SAWCUT (INCIDENTAL) EXISTING BIT, OR PCC DRIVEWAY 18" BEHIND CURB AND REPLACE WITH 2" HOT MIX ASPHALT SURFACE OR 5" CLASS SI CONCRETE.

**DEPRESSED M3.12 CURB & GUTTER AT DRIVEWAY**

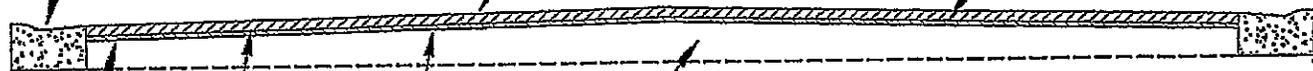


# EXHIBIT "C"

M3.12/B6.12  
CURB & GUTTER  
(TYPICAL)

HOT MIX ASPHALT  
SURFACE COURSE,  
MIX "C", N50  
1.25" SURFACE

LEVELING  
BINDER  
(MACHINE  
METHOD), N50  
.75" LEVELING



EXISTING PAVEMENT

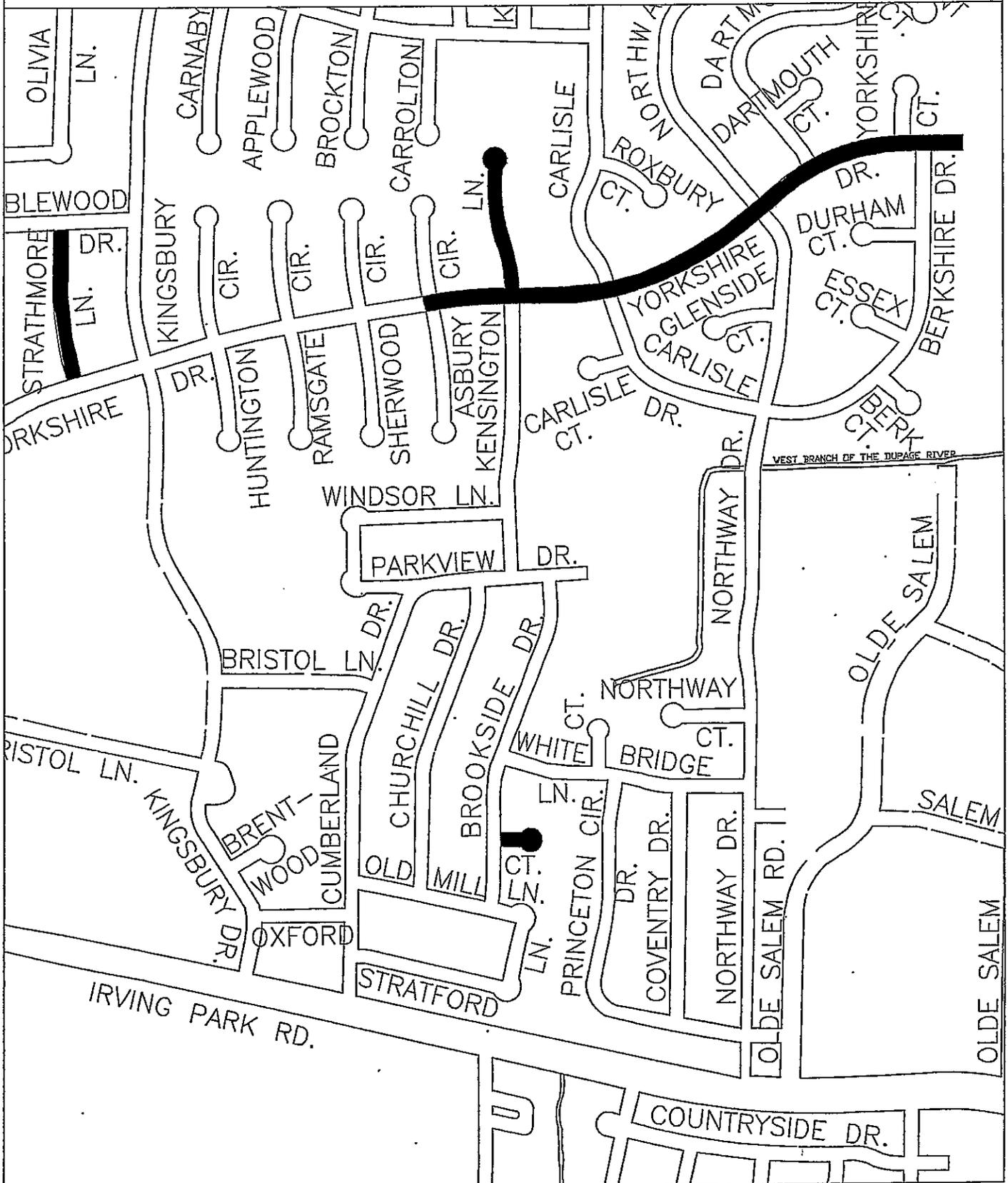
BITUMINOUS MATERIALS (PRIME COAT)  
HOT MIX ASPHALT SURFACE REMOVAL

SEE EXHIBIT "A" FOR EDGE GRINDING DETAIL

## EXISTING AND PROPOSED TYPICAL CROSS SECTION

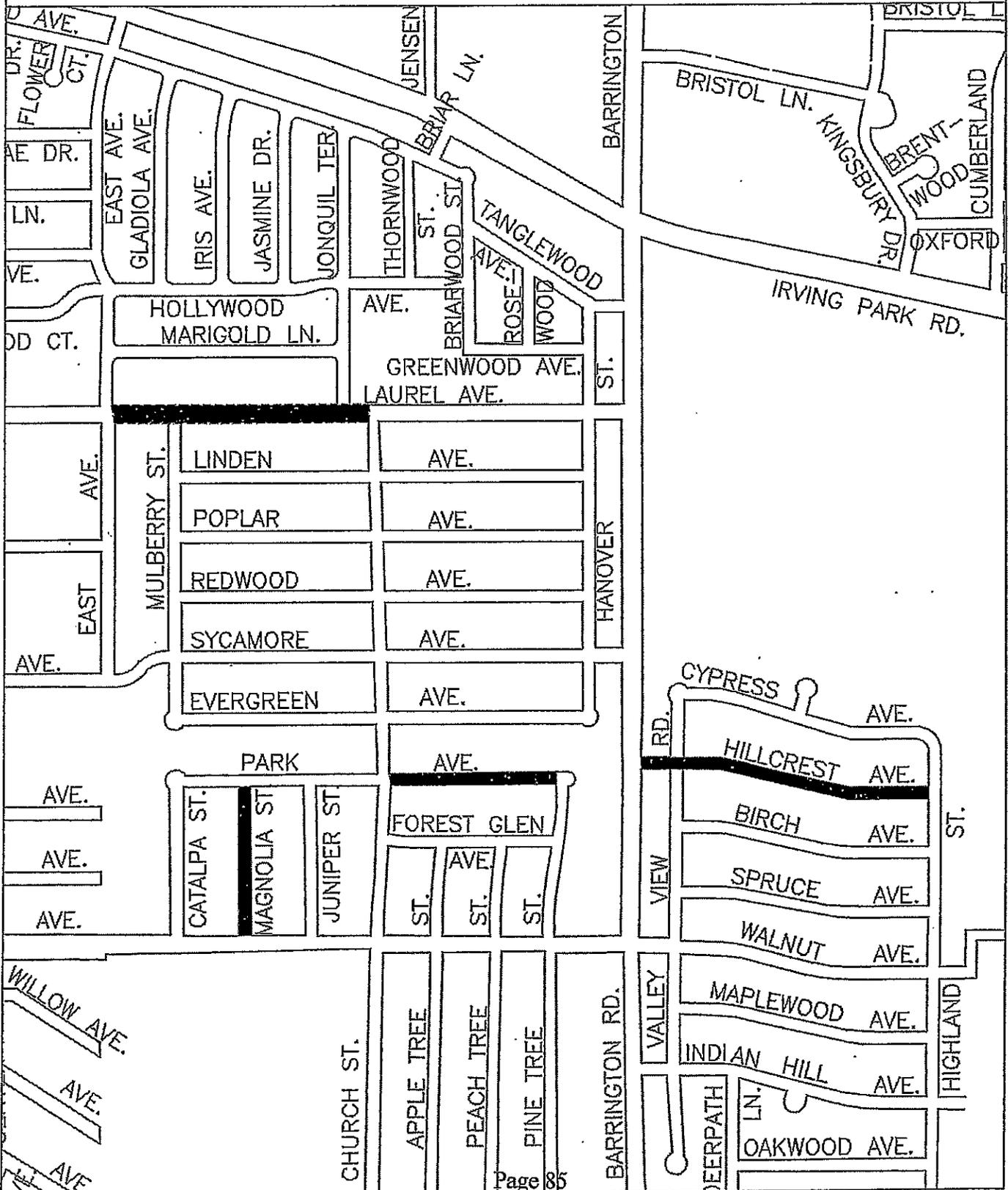
# EXHIBIT D, SHEET 1 OF 4

■■■■■■■■■■ STREETS TO BE RESURFACED



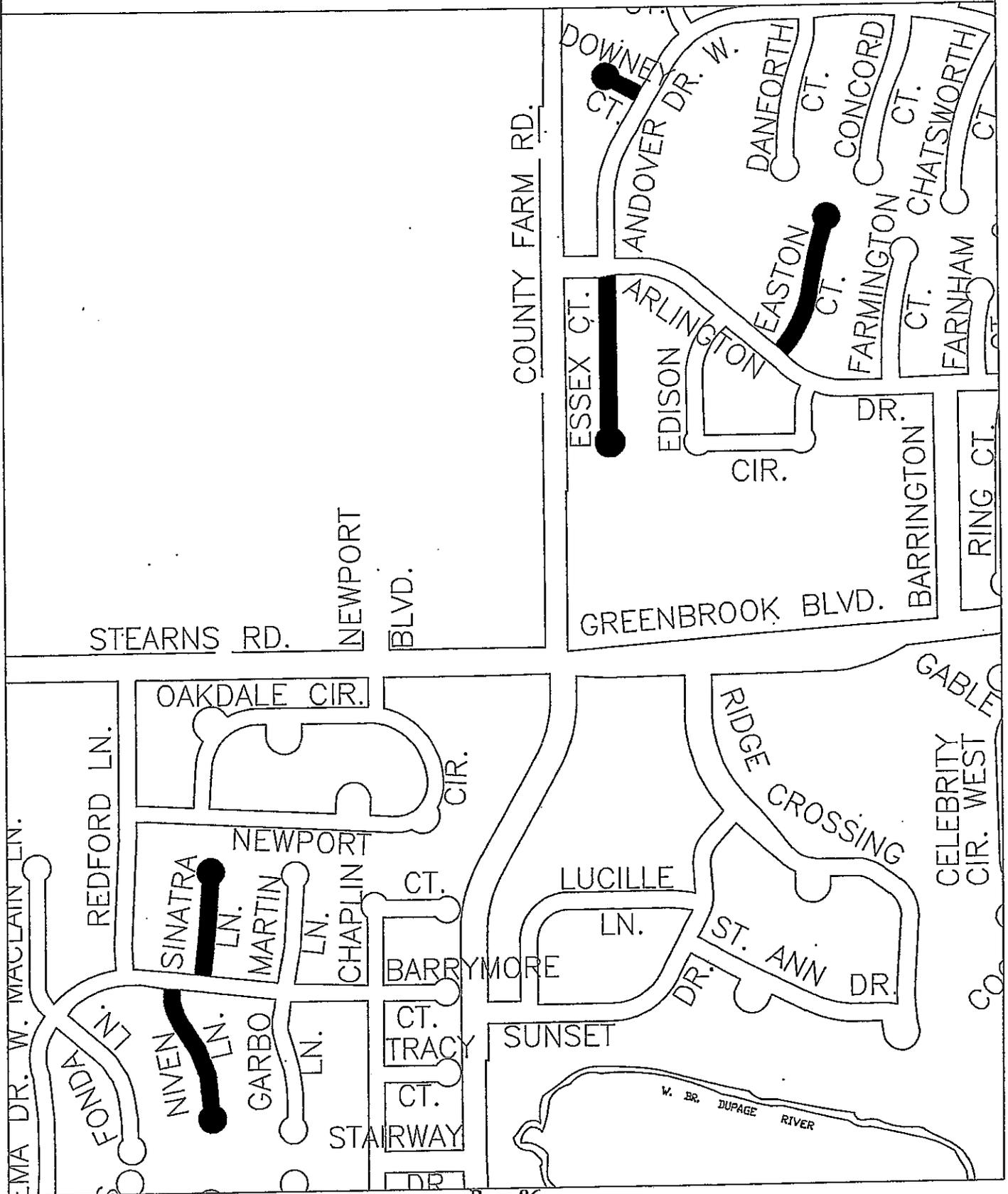
# EXHIBIT D, SHEET 2 OF 4

STREETS TO BE RESURFACED



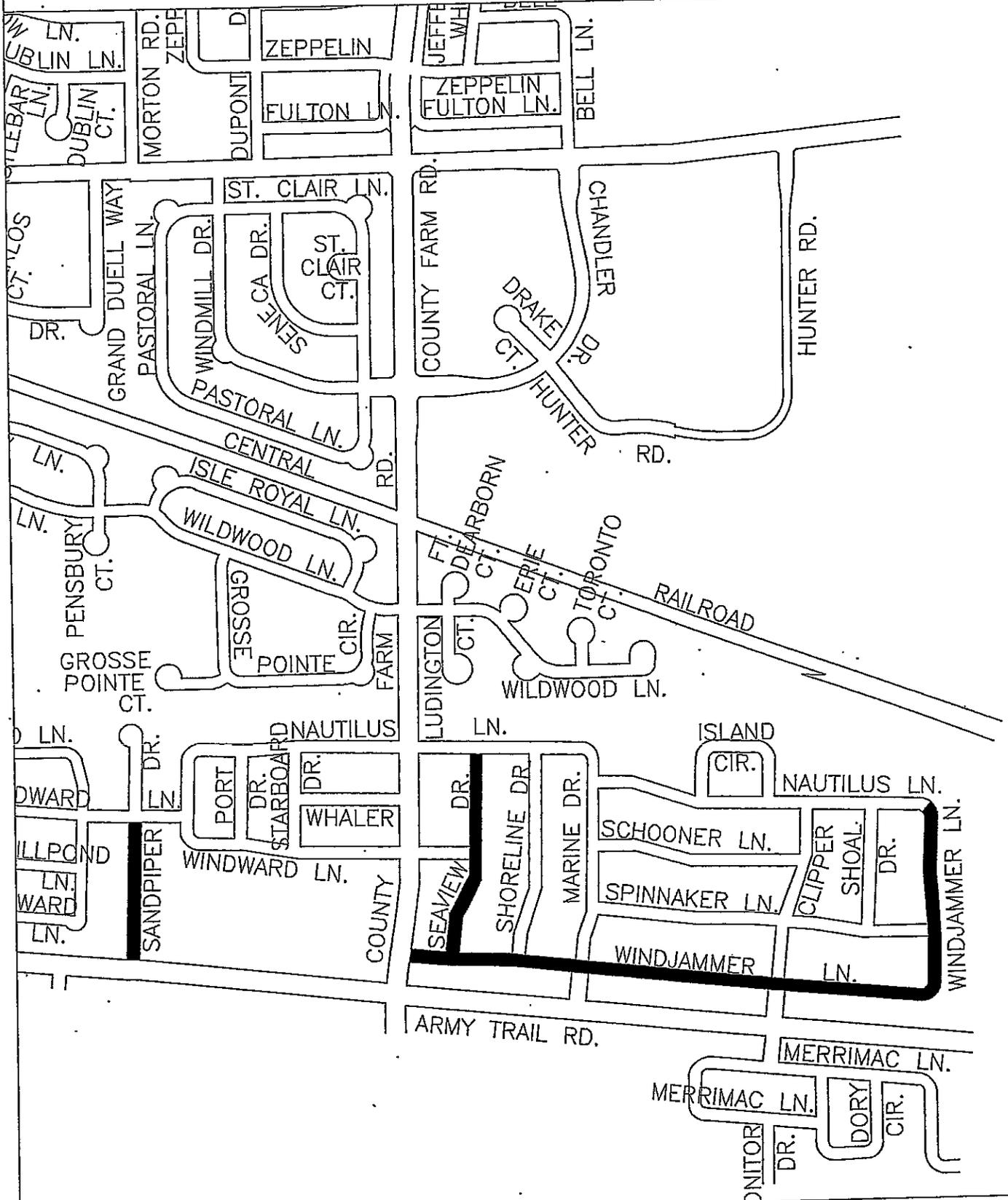
# EXHIBIT D, SHEET 3 OF 4

■■■■■■■■■■ STREETS TO BE RESURFACED



# EXHIBIT D, SHEET 4 OF 4

■■■■■■■■■■ STREETS TO BE RESURFACED





RETURN WITH BID

Route	<u>Various Village Streets</u>
County	<u>Cook &amp; DuPage</u>
Local Agency	<u>Village of Hanover Park</u>
Section	<u>13-00000-01-GM</u>

1. Proposal of Brothers Asphalt Paving, Inc.

for the improvement of the above section by the construction of Hot Mix Asphalt Surface removal, adjustment of manholes, rebuilding of drainage structures, curb & gutter and sidewalk replacement, and resurfacing with hot mix asphalt at various locations.

a total distance of 17456.00 feet, of which a distance of 17456.00 feet, (3.31 miles) are to be improved.

2. The plans for the proposed work are those prepared by Howard A. Killian, P.E., Village Engineer and approved by the Department of Transportation on \_\_\_\_\_

3. The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the "Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.

4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.

5. The undersigned agrees to complete the work within 40 working days or by \_\_\_\_\_ unless additional time is granted in accordance with the specifications.

6. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for contract Proposals, will be required. Bid Bonds  will  will not be allowed as proposal guaranties. Accompanying this proposal is either a bid bond if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to: \_\_\_\_\_ Treasurer of \_\_\_\_\_

the amount of the check is 5% Bid Bond ( 5% )

7. In the event that one proposal guaranty check is intended to cover two or more proposals, the amount must be equal to the sum of the proposal guaranties, which would be required for each individual proposal. If the proposal guaranty check is placed in another proposal, it will be found in the proposal for: Section Number \_\_\_\_\_

8. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond or check shall be forfeited to the Awarding Authority.

9. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.

10. A bid will be declared unacceptable if neither a unit price nor a total price is shown.

11. The undersigned firm certifies that it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm. The undersigned firm further certifies that it is not barred from contracting with any unit of State or local government as a result of a violation of State laws prohibiting bid-rigging or bid-rotating.

12. The undersigned submits herewith the schedule of prices on BLR 12222 covering the work to be performed under this contract.



**Schedule of Prices**

Route Various Village Streets  
 County Cook & DuPage  
 Local Agency Hanover Park  
 Section 13-00001-01-GM

**RETURN WITH BID**

(For complete information covering these items, see plans and specifications)

Item No.	Items	Unit	Quantity	Unit Price	Total
1	HOT MIX ASPHALT SURFACE CRSE, MIX "C", N50 (IL9.5mm)	TONS	3759	\$ 70.00	\$263,130.00
2	LEVELING BINDER (MACHINE METHOD), N50	TONS	2190	\$ 70.00	\$153,300.00
3	HOT MIX ASPHALT SURFACE REMOVAL	SY	50775	\$ 1.50	\$ 76,162.50
4	BITUMINOUS MATERIALS (PRIME COAT)	TONS	20	\$ 1.00	\$ 20.00
5	CURB & GUTTER REMOVAL AND REPLACEMENT, M3.12	LF	10474	\$ 18.00	\$188,532.00
6	PAVEMENT PATCHING, CLASS "D", 4"	SY	3554	\$ 22.00	\$78,188.00
7	PAVEMENT PATCHING CLASS "D", 6"	SY	979	\$ 30.00	\$29,370.00 <i>ne</i>
8	DRAINAGE STRUCTURE REBUILD	EACH	10	\$1,500.00	\$15,000.00
9	MANHOLES TO BE ADJUSTED	EACH	12	\$375.00	\$4,500.00
10	PCC SIDEWALK REMOVAL & REPLACEMENT	SF	375	\$6.00	\$2,250.00
11	DETECTABLE WARNING	SF	225	\$25.00	\$5,625.00
Carried forward from Page					
Page Total (To be carried forward to Page )					\$816,077.50 <i>ne</i>





Illinois Department of Transportation

Signatures

RETURN WITH BID

Route Various Village Streets
County Cook & DuPage
Local Agency Hanover Park
Section 13-00000-01-GM

(If an individual)

Signature of Bidder

Business Address

(If a partnership)

Firm Name

Signed By

Business Address

Insert Names and Addresses of All Partners

Handwritten list of partner names and addresses

(If a corporation)

Corporate Name Brothers Asphalt Paving, Inc.

Signed By [Signature]

Business Address 315 S. Stewart Avenue Addison, IL 60101

Insert Names of Officers

President Nick Costella
Secretary Natalia Costella
Treasurer Natalia Costella

Attest: Natalia Costella Secretary



**Return with Bid**

Route	<u>Various</u>
County	<u>Cook / DuPage</u>
Local Agency	<u>Hanover Park</u>
Section	<u>13-00000-01-GM</u>

**All contractors are required to complete the following certification:**

For this contract proposal or for all groups in this deliver and install proposal.

For the following deliver and install groups in this material proposal:

Brothers Asphalt Paving, Inc. to perform: Surface Removal, Drainage, Cover & Seal Coats, and Asphalt Paving Work. Program Sponsors: Member Operators Union Local 150, Laborers Union Local 96, and Teamsters Union Local 673.

Illinois Department of Transportation policy, adopted in accordance with the provisions of the Illinois Highway Code, requires this contract to be awarded to the lowest responsive and responsible bidder. The award decision is subject to approval by the Department. In addition to all other responsibility factors, this contract or deliver and install proposal requires all bidders and all bidders' subcontractors to disclose participation in apprenticeship or training programs that are (1) approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training, and (2) applicable to the work of the above indicated proposals or groups. Therefore, all bidders are required to complete the following certification:

- I. Except as provided in paragraph IV below, the undersigned bidder certifies that it is a participant, either as an individual or as part of a group program, in an approved apprenticeship or training program applicable to each type of work or craft that the bidder will perform with its own employees.
- II. The undersigned bidder further certifies for work to be performed by subcontract that each of its subcontractors submitted for approval either (A) is, at the time of such bid, participating in an approved, applicable apprenticeship or training program; or (B) will, prior to commencement of performance of work pursuant to this contract, establish participation in an approved apprenticeship or training program applicable to the work of the subcontract.
- III. The undersigned bidder, by inclusion in the list in the space below, certifies the official name of each program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the bidder is a participant and that will be performed with the bidder's employees. Types of work or craft that will be subcontracted shall be included and listed as subcontract work. The list shall also indicate any type of work or craft job category for which there is no applicable apprenticeship or training program available.

Subwork: Concrete to be performed by union subcontractor and their local union is to be program sponsor.

IV. Except for any work identified above, any bidder or subcontractor that shall perform all or part of the work of the contract or deliver and install proposal solely by individual owners, partners or members and not by employees to whom the payment of prevailing rates of wages would be required, check the following box, and identify the owner/operator workforce and positions of ownership.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

*None*

The requirements of this certification and disclosure are a material part of the contract, and the contractor shall require this certification provision to be included in all approved subcontracts. The bidder is responsible for making a complete report and shall make certain that each type of work or craft job category that will be utilized on the project is accounted for and listed. The Department at any time before or after award may require the production of a copy of each applicable Certificate of Registration issued by the United States Department of Labor evidencing such participation by the contractor and any or all of its subcontractors. In order to fulfill the participation requirement, it shall not be necessary that any applicable program sponsor be currently taking or that it will take applications for apprenticeship, training or employment during the performance of the work of this contract or deliver and install proposal.

Bidder: Brothers Asphalt Paving, Inc.

By: *[Signature]*  
(Signature)

Address: 315 S Stewart Ave, Addison, IL 60101

Title: President



**Illinois Department  
of Transportation**

Bureau of Construction  
2300 South Dirksen Parkway/Room 322  
Springfield, Illinois 62764

**Affidavit of Availability  
For the Letting of** 4/3/2012  
(Letting date)

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

**Part I. Work Under Contract**

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show NONE.

	1	2	3	4	Awards Pending	
Contract Number	63600					
Contract With	IDOT					
Estimated Completion Date	6/4/2012					
Total Contract Price	482,958.38					Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	479,208.38					479,208.38
Uncompleted Dollar Value if Firm is the Subcontractor						0.00
<b>Total Value of All Work</b>						<b>479,208.38</b>

**Part II. Awards Pending and Uncompleted Work to be done with your own forces.**

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

	1	2	3	4	Awards Pending	Accumulated Totals
Earthwork	18,600.00					18,600.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix						0.00
HMA Paving	264,604.67					264,604.67
Clean & Seal Cracks/Joints	5,600.00					5,600.00
Aggregate Bases & Surfaces	21,100.00					21,100.00
Highway, R.R. and Waterway Structures						0.00
Drainage	28,250.00					28,250.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction						0.00
Landscaping						0.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	33,857.50					33,857.50
Demolition						0.00
Pavement Markings (Paint)						0.00
Other Construction (Mobilization)	1,250.00					1,250.00
Rail Road Insurance	10,000.00					10,000.00
						0.00
<b>Totals</b>	<b>383,262.17</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>383,262.17</b>

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code". Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

**Part III. Work Subcontracted to Others**

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor	Chadwick				
Type of Work	Concrete				
Subcontract Price	58,972.00				
Amount Uncompleted	58,972.00				
Subcontractor	Highway Safety				
Type of Work	Traffic Control				
Subcontract Price	8,572.31				
Amount Uncompleted	8,572.31				
Subcontractor	Litgen				
Type of Work	Saw-Cut				
Subcontract Price	4,610.00				
Amount Uncompleted	4,610.00				
Subcontractor	AC Pavement				
Type of Work	Striping				
Subcontract Price	13,855.90				
Amount Uncompleted	13,855.90				
Subcontractor	V&R				
Type of Work	Landscaping				
Subcontract Price	7,336.00				
Amount Uncompleted	7,336.00				
Subcontractor	Geomat				
Type of Work	Overlay Fabric				
Subcontract Price	2,600.00				
Amount Uncompleted	2,600.00				
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
<b>Total Uncompleted</b>	<b>95,946.21</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates

Subscribed and sworn to before me

this 3rd day of April, 20 12.

Natalia Colella  
Notary Public

My commission expires: 03-30-15



Type or Print Name Nick Cotella President  
Officer or Director Title

Signed [Signature]

Company Brothers Asphalt Paving, Inc.  
Address 315 S. Stewart Avenue  
Addison, IL 60101



1. THIS AGREEMENT, made and concluded the \_\_\_\_\_ day of May, 2012 Month and Year between the Village of Hanover Park acting by and through its Village Manager known as the party of the first part, and Brothers Asphalt Paving, Inc. his/their executors, administrators, successors or assigns, known as the party of the second part.

2. Witnesseth: That for and in consideration of the payments and agreements mentioned in the Proposal hereto attached, to be made and performed by the party of the first part, and according to the terms expressed in the Bond referring to these presents, the party of the second part agrees with said party of the first part at his/their own proper cost and expense to do all the work, furnish all materials and all labor necessary to complete the work in accordance with the plans and specifications hereinafter described, and in full compliance with all of the terms of this agreement and the requirements of the Engineer under it.

3. And it is also understood and agreed that the Notice to Contractors, Special Provisions, Proposal and Contract Bond hereto attached, and the Plans for Section 13-00000-01-GM in the Village of Hanover Park, approved by the Department of Transportation of the State of Illinois N/A Date, are essential documents of this contract and are a part hereof.

4. IN WITNESS WHEREOF, The said parties have executed these presents on the date above mentioned.

Attest: [Signature] Clerk  
(Seal)

The Village of Hanover Park  
By [Signature]  
Party of the First Part

(If a Corporation)

Corporate Name Brothers Asphalt Paving, Inc.  
By [Signature]  
President Party of the Second Part

(If a Co-Partnership)

Attest: [Signature]  
Secretary

Partners doing Business under the firm name of

Party of the Second Part

(If an individual)

Party of the Second Part



IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this 16th day of April A.D. 2012

**PRINCIPAL**

Brothers Asphalt Paving, Inc.

By: Nicola Colella  
(Signature & Title) Nicola Colella, President  
Attest: Natalia Colella  
(Signature & Title) Secretary

By: \_\_\_\_\_  
(Company Name)  
(Signature & Title)  
Attest: \_\_\_\_\_  
(Signature & Title)

(If PRINCIPAL is a joint venture of two or more contractors, the company names and authorized signature of each contractor must be affixed.)

STATE OF ILLINOIS,  
COUNTY OF DuPage  
I, Natalia Colella

, a Notary Public in and for said county, do hereby certify that  
Nicola Colella

(Insert names of individuals signing on behalf or PRINCIPAL)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument of PRINCIPAL, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instrument as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this 16th day of April A.D. 2012

My commission expires 03-30-15

Natalia Colella  
Notary Public



**SURETY**

Western Surety Company  
(Name of Surety)

By: Hina Azam  
(Signature of Attorney-in-Fact)  
Hina Azam

STATE OF ILLINOIS,  
COUNTY OF Cook

I, Karen E. Bogard, a Notary Public in and for said county, do hereby certify that  
Hina Azam

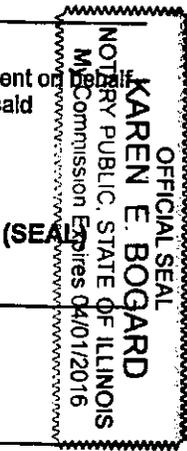
(Insert names of individuals signing on behalf or SURETY)

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument of SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instrument as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this 16th day of April A.D. 2012

My commission expires April 1, 2016

Karen E. Bogard  
Notary Public Karen E. Bogard



Approved this \_\_\_\_\_ day of \_\_\_\_\_, A.D. \_\_\_\_\_

Attest: [Signature]  
Clerk

(Awarding Authority)  
[Signature]  
(Chairman/Mayor/President)

# Western Surety Company

## POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

**William Reidinger, Donna M Tyler, Hina Azam, Donna Wright, Karen E Bogard, Individually**

of Schaumburg, IL, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

**- In Unlimited Amounts -**

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Senior Vice President and its corporate seal to be hereto affixed on this 2nd day of February, 2011.



WESTERN SURETY COMPANY

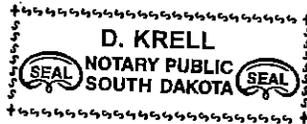
*Paul T. Bruflat*

Paul T. Bruflat, Senior Vice President

State of South Dakota }  
County of Minnehaha } ss

On this 2nd day of February, 2011, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Senior Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires  
November 30, 2012



*D. Krell*

D. Krell, Notary Public

CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 16th day of April, 2012.



WESTERN SURETY COMPANY

*L. Nelson*

L. Nelson, Assistant Secretary