



# Illinois Department of Transportation

Division of Highways / Region 5 / District 9  
P.O. Box 100 / Carbondale, Illinois / 62903-0100  
Telephone 618/549-2171

May 24, 2016

City  
Carbondale  
Section 17-00000-01-GM

Ms. Jennifer Sorrell  
City Clerk  
P.O. Box 2047  
Carbondale, IL 62902

Dear Ms. Sorrell:

The material proposals were approved today. The copies of the approved proposals are being sent to Ms. Cristi Green, Purchasing/Risk Management Coordinator.

Very truly yours,

Jeffrey L. Keirn, P.E.  
Region Five Engineer

A handwritten signature in cursive script, appearing to read "Dennis W. Hillebrenner".

By: Dennis W. Hillebrenner  
Local Roads & Streets Engineer

RWM:ac  
cc: Cristi Green  
Robert Hardin





Illinois Department of Transportation

Local Public Agency Material Proposal or Deliver & Install Proposal

|                       |          |          |
|-----------------------|----------|----------|
| PROPOSAL SUBMITTED BY |          |          |
| Contractor's Name     |          |          |
| Street                | P.O. Box |          |
| City                  | State    | Zip Code |

STATE OF ILLINOIS

COUNTY OF Jackson  
 City of Carbondale  
 (Name of City, Village, Town or Road District)

FOR THE IMPROVEMENT OF  
 STREET NAME OR ROUTE NO. MFT Maintenance  
 SECTION NO. 17-00000-01-GM  
 TYPES OF FUNDS MFT

- MATERIAL PROPOSAL                       DELIVER & INSTALL PROPOSAL  
 SPECIFICATIONS (required)             PLANS (if applicable)

**For Municipal Projects**  
 Submitted/Approved/Passed

Mayor    President of Board of Trustees    Municipal Official

Robert [Signature]      Date 5-19-16

**Department of Transportation**  
 Released for bid based on limited review

[Signature]  
 Regional Engineer  
5/25/16  
 Date

**For County and Road District Projects**  
 Submitted/Approved

\_\_\_\_\_  
 Highway Commissioner

\_\_\_\_\_  
 Date

Submitted/Approved

\_\_\_\_\_  
 County Engineer/Superintendent of Highways

\_\_\_\_\_  
 Date

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

RETURN WITH BID

NOTICE TO BIDDERS

County Jackson
Local Public Agency City of Carbondale
Section Number 17-00000-01-GM
Route N/A

Sealed proposals for the furnishing or delivering & installing materials required in the construction/maintenance of the above Section will be received and at that time publicly opened and read at the office of Purchasing/Risk Mgt. Coord.,

200 S. Illinois Ave, Carbondale, IL 62901 until 11:00 AM on June 9, 2016
Address Time Date

- 1. Plans and proposal forms will be available in the office of Purchasing/Risk Mgt. Coord. 200 S. Illinois Ave, Carbondale, IL 62901
2. Prequalification. If checked, the 2 low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57), in duplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work.
3. 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 Material Proposals.
4. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Material Proposals, will be required. Bid Bonds will not be allowed as a proposal guaranty.
5. The successful bidder at the time of execution of the contract will not be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. Failure on the part of the contractor to deliver the material within the time specified or to do the work specified herein will be considered just cause to forfeit his surety as provided in Article 108.10 of the Standard Specifications.
6. Proposals shall be submitted on forms furnished by the Awarding Authority and shall be enclosed in an envelope endorsed "Material Proposal, Section 17-00000-01-GM".

By Order of City Council of the City of Carbondale 5/16/16 Jennifer Sorrell
(Awarding Authority) Date (County Engineer/Superintendent of Highways/Municipal Clerk)

Material Proposal or Deliver & Install Proposal

To City of Carbondale
(Awarding Authority)

If this bid is accepted within 45 days from date of opening, the undersigned agrees to furnish or to deliver & install any or all of the materials, at the quoted unit prices, subject to the following:

- 1. It is understood and agreed that the "Standard Specifications for Road and Bridge Construction", adopted April 1, 2016, and the "Supplemental Specifications and Recurring Special Provisions", adopted April 1, 2016, prepared by the Department of Transportation, shall govern insofar as they may be applied and insofar as they do not conflict with the special provisions and supplemental specifications attached hereto.
2. It is understood that quantities listed are approximate only and that they may be increased or decreased as may be needed to properly complete the improvement within its present limits or extensions thereto, at the unit price stated and that bids will be compared on the basis of the total price bid for each group.
3. Delivery in total or partial shipments as ordered shall be made within the time specified in the special provisions or by the acceptance at the point and in the manner specified in the "Schedule of Prices". If delivery on the job site is specified, it shall mean any place or places on the road designated by the awarding authority or its authorized representative.
4. The contractor and/or local agency performing the actual material placement operations shall be responsible for providing work zone traffic control, unless otherwise specified in this proposal. Such devices shall meet the requirements of and be installed in accordance with applicable provisions of the "Illinois Manual on Uniform Traffic Control Devices" and any referenced Illinois Highway Standards.
5. 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. A bid will be declared unacceptable if neither a unit price nor a total price is shown.

Discounts will be allowed for payment as follows: % calendar days: % calendar days.
Discounts will not be considered in determining the low bidder.

Bidder By (Signature)
Address Title



CHECK SHEET  
FOR  
RECURRING SPECIAL PROVISIONS

Adopted April 1, 2016

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         | 1               |
| 2                    | <input type="checkbox"/> Subletting of Contracts (Federal-Aid Contracts)                              | 4               |
| 3                    | <input type="checkbox"/> EEO  | 5               |
| 4                    | <input type="checkbox"/> Specific EEO Responsibilities Non Federal-Aid Contracts                      | 15              |
| 5                    | <input type="checkbox"/> Required Provisions - State Contracts  | 20              |
| 6                    | <input type="checkbox"/> Asbestos Bearing Pad Removal   | 26              |
| 7                    | <input type="checkbox"/> Asbestos Waterproofing Membrane and Asbestos Hot-Mix Asphalt Surface Removal | 27              |
| 8                    | <input type="checkbox"/> Temporary Stream Crossings and In-Stream Work Pads                           | 28              |
| 9                    | <input type="checkbox"/> Construction Layout Stakes Except for Bridges                                | 29              |
| 10                   | <input type="checkbox"/> Construction Layout Stakes   | 32              |
| 11                   | <input type="checkbox"/> Use of Geotextile Fabric for Railroad Crossing                               | 35              |
| 12                   | <input type="checkbox"/> Subsealing of Concrete Pavements   | 37              |
| 13                   | <input type="checkbox"/> Hot-Mix Asphalt Surface Correction   | 41              |
| 14                   | <input type="checkbox"/> Pavement and Shoulder Resurfacing  | 43              |
| 15                   | <input type="checkbox"/> Patching with Hot-Mix Asphalt Overlay Removal                                | 44              |
| 16                   | <input type="checkbox"/> Polymer Concrete   | 45              |
| 17                   | <input type="checkbox"/> PVC Pipeliner  | 47              |
| 18                   | <input type="checkbox"/> Bicycle Racks  | 48              |
| 19                   | <input type="checkbox"/> Temporary Portable Bridge Traffic Signals                                    | 50              |
| 20                   | <input type="checkbox"/> Work Zone Public Information Signs   | 52              |
| 21                   | <input type="checkbox"/> Nighttime Inspection of Roadway Lighting                                     | 53              |
| 22                   | <input type="checkbox"/> English Substitution of Metric Bolts   | 54              |
| 23                   | <input type="checkbox"/> Calcium Chloride Accelerator for Portland Cement Concrete                    | 55              |
| 24                   | <input type="checkbox"/> Quality Control of Concrete Mixtures at the Plant                            | 56              |
| 25                   | <input type="checkbox"/> Quality Control/Quality Assurance of Concrete Mixtures                       | 64              |
| 26                   | <input type="checkbox"/> Digital Terrain Modeling for Earthwork Calculations                          | 80              |
| 27                   | <input type="checkbox"/> Pavement Marking Removal   | 82              |
| 28                   | <input type="checkbox"/> Preventive Maintenance – Bituminous Surface Treatment                        | 83              |
| 29                   | <input type="checkbox"/> Preventive Maintenance – Cape Seal   | 89              |
| 30                   | <input type="checkbox"/> Preventive Maintenance – Micro-Surfacing                                     | 104             |
| 31                   | <input type="checkbox"/> Preventive Maintenance – Slurry Seal   | 115             |
| 32                   | <input type="checkbox"/> Temporary Raised Pavement Markers  | 125             |
| 33                   | <input type="checkbox"/> Restoring Bridge Approach Pavements Using High-Density Foam                  | 126             |

CHECK SHEET  
FOR  
LOCAL ROADS AND STREETS RECURRING SPECIAL PROVISIONS

Adopted April 1, 2016

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                | <b>Reserved</b> .....  | 130             |
| LRS 2                | <input type="checkbox"/> Furnished Excavation .....  | 131             |
| LRS 3                | <input type="checkbox"/> Work Zone Traffic Control Surveillance .....                                | 132             |
| LRS 4                | <input type="checkbox"/> Flaggers in Work Zones .....  | 133             |
| LRS 5                | <input type="checkbox"/> Contract Claims .....   | 134             |
| LRS 6                | <input type="checkbox"/> Bidding Requirements and Conditions for Contract Proposals .....            | 135             |
| LRS 7                | <input checked="" type="checkbox"/> Bidding Requirements and Conditions for Material Proposals ..... | 141             |
| LRS 8                | <b>Reserved</b> .....  | 147             |
| LRS 9                | <input type="checkbox"/> Bituminous Surface Treatments .....   | 148             |
| LRS 10               | <b>Reserved</b> .....  | 149             |
| LRS 11               | <input checked="" type="checkbox"/> Employment Practices .....                                       | 150             |
| LRS 12               | <input type="checkbox"/> Wages of Employees on Public Works .....                                    | 152             |
| LRS 13               | <input checked="" type="checkbox"/> Selection of Labor .....   | 154             |
| LRS 14               | <input type="checkbox"/> Paving Brick and Concrete Paver Pavements and Sidewalks .....               | 155             |
| LRS 15               | <input checked="" type="checkbox"/> Partial Payments .....   | 158             |
| LRS 16               | <input type="checkbox"/> Protests on Local Lettings .....  | 159             |
| LRS 17               | <input checked="" type="checkbox"/> Substance Abuse Prevention Program .....                         | 160             |
| LRS 18               | <input type="checkbox"/> Multigrade Cold Mix Asphalt .....   | 161             |

The following Special Provisions supplement the "Standard Specifications for Road and Bridge Construction", Adopted April 1, 2016, the latest edition of the "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 of bids, and the Supplemental Specifications and Recurring Special Provisions indicated on the Check Sheet included here in which apply to and govern the construction of Section 17-00000-01-GM, and in case of conflict with any part, or parts, of said Specifications, the said Special Provisions shall take precedence and shall govern.

SPECIAL PROVISIONS FOR  
INSPECTION of MATERIALS – REPORTS

All Materials supplied under this contract shall be inspected and approved in accordance with SECTION 106 - CONTROL OF MATERIALS of the Standard Specifications for Road and Bridge Construction, adopted April 1, 2016. The Contractor shall be responsible for arranging for the required material inspections(s) to be performed and to arrange for copies of those inspection reports to be sent to the appropriate Local and State Agencies. Failure to receive said reports by the appropriate Local and State Agencies in a timely manner shall be cause to delay payment for the work performed until said reports are received by the appropriate Local and State Agencies.

SPECIAL PROVISIONS FOR  
AGGREGATE STOCKPILED – CA-10, CA-11, CA 16 or RR-4

GROUPS A, B, C, D, E,& G

DESCRIPTION: The work covered by this Special Provision shall consist of furnishing and delivering Aggregate Materials as required for the maintenance of streets, to the City Yard.

MATERIALS: All materials shall comply with the “Standard Specifications for Road and Bridge Construction”, adopted April 1, 2016 including all Addenda.

Aggregate shall be of the gradation as specified: CA-10, CA-11, CA-16 or RR-4, meeting the requirements of Article 1004 “Coarse Aggregates” or Article 1005 “Stone and Broken Concrete for Erosion Protection, Sediment Control, and Rockfill” as applicable of the aforementioned Standard Specifications (gradation CA-6 aggregate may be substituted for the gradation CA-10 aggregate upon approval of the Engineer if gradation CA-10 aggregate is not readily available).

CONSTRUCTION METHODS: None

DELIVERY: The successful bidder will be required to provide and deliver material to the City Yard. Deliveries of material shall be made upon the request of the City and shall commence within three (3) working days of said request. The City will specify exactly what quantity (in 25 Ton increments) is needed. The work shall continue with a delivery rate of not less than 125 tons per day during each working day until the specified quantity is delivered; unless other arrangements to deliver a lesser quantity are made between the City and Contractor.

BASIS OF PAYMENT: Aggregate shall be measured for payment in Tons, weighed at the place of loading of the trucks, unloading the trucks, or at any other point designated or approved by the Engineer. The contractor shall furnish or arrange for the use of scales of a type approved by the Engineer.

This work shall be paid for at the unit bid price per TON for AGGREGATE STOCKPILED of the gradation as specified for CA-10, CA-11 or RR-4, which shall be payment in full for furnishing the materials and delivering them to the City stock yard. No claim for additional compensation shall be made or will be allowed for any reason.

SPECIAL PROVISIONS FOR  
EMULSIFIED ASPHALT HFE-300

GROUP F

**DESCRIPTION:** The work covered by this Special Provision shall consist of furnishing Emulsified Asphalt, HFE-300, a pug mill mixer with calibrated feeder bin and a supervisor for the mixing of bituminous patching material. All aggregate, labor and other equipment necessary for the processing of this material will be furnished by the City. The material will be mixed at the City Storage Yard in Carbondale, Illinois.

**MATERIALS:** The bituminous materials shall be Emulsified Asphalt, Grade HFE-300, and all comply with the requirements of SECTION 1032 BITUMINOUS MATERIALS of the "Standard Specifications for Road and Bridge Construction", adopted April 1, 2016 including all Addenda.

**EQUIPMENT:** The contractor shall furnish a pug mill mixer with a calibrated feeder bin. All equipment shall be in first class condition and shall comply with the requirements of SECTION 1102 HOT MIX ASPHALT EQUIPMENT of the "Standard Specifications for Road and Bridge Construction", adopted January 1, 2007 including all Addenda.

**PREPARATION OF MIXERS:** The Emulsified Asphalt and aggregates shall be accurately proportioned and mixed so as to produce a uniform homogeneous bituminous mixture and all aggregate particles are uniformly coated. The ingredients shall be combined to produce a mixture meeting the approval of the City and conforming to the following composition limits by weight for:

**Cold Mix Patching Material (CA-16)**

Aggregate: 93.0% to 97.0%

Residual Bitumen: 3.0% to 7.0%

**Cold BAM Patching Material (CA-6)**

Aggregate: 96.0% to 97.5%

Residual Bitumen: 2.5% to 4.0%

The percent of residual bitumen shall be specified by the City and may be varied as the work progresses for the production of a satisfactory mixture.

**DELIVERY:** Delivery and mixing shall be performed within fifteen (15) calendar days after notification and shall be performed at the City Storage Yard in Carbondale, Illinois and at such time as ordered by the awarding authority. The asphalt will be required to be furnished and mixed in minimum lots of 5,000 gallons, unless otherwise agreed to by the City and Contractor.

**BASIS OF PAYMENT:** This work shall be paid for at the contract unit price per GALLON for EMULSIFIED ASPHALT, HFE-300, corrected to the volume of 60 degrees Fahrenheit, as provided for in the Standard Specifications, which price shall be payment in full for furnishing and delivering the Emulsified Asphalt, pug mill mixer, supervisor and all other incidentals or appurtenances necessary to provide the work described herein. No claim for additional compensation shall be made or will be allowed.

State of Illinois  
Department of Transportation  
Bureau of Local Roads and Streets

SPECIAL PROVISION  
FOR  
INSURANCE

Effective: February 1, 2007  
Revised: August 1, 2007

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

The Contractor shall name the following entities as additional insured under the Contractor's general liability insurance policy in accordance with Article 107.27:

City of Carbondale

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200 South Illinois Avenue

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Carbondale, IL 62901

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The entities listed above and their officers, employees, and agents shall be indemnified and held harmless in accordance with Article 107.26.



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

## Explanations

### JACKSON 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.

Oil and chip resealing (O&C) means the application of road oils and liquid asphalt to coat an existing road surface, followed by application of aggregate chips or gravel to coated surface, and subsequent rolling of material to seal the surface.

### 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.

### LABORER - OIL AND CHIP RESEALING

Hook and unhook chip box from aggregate truck; distribute material within chip box; perform flagging work related to oil and chip resealing; hand spray oil fluids; handle traffic control, including setting-up and maintaining barricades, drums, cones, delineators, signs and other such items, as well as laying-out and applying or removing temporary roadway markings used to control traffic in job site related to oil and chip resealing; and perform clean-up related to oil and chip resealing.

### CERAMIC TILE FINISHER, MARBLE FINISHER, TERRAZZO FINISHER

Assisting, helping or supporting the tile, marble and terrazzo mechanic by performing their historic and traditional work assignments required to complete the proper installation of the work covered by said crafts. The term "Ceramic" is used for naming the classification only, and is in no a limitation of the product handled. Ceramic takes into consideration most hard tiles.

### ELECTRIC POWER LINEMAN

Construction, maintenance and dismantling of overhead and underground electric power lines, including high voltage pipe type cable work, and associated structures and equipment.

### ELECTRIC POWER EQUIPMENT OPERATOR - CLASS 1

Operation of all crawler type equipment D-4 and larger from the ground to assist the Electric Power Linemen in performing their duties.

### ELECTRIC POWER EQUIPMENT OPERATORS - CLASS 2

Operation of all other equipment from the ground to assist the Electric Power Linemen in performing their duties.

### ELECTRIC POWER GROUNDMAN

Applies to workers who assist the Electric Power Lineman from the

ground.

#### ELECTRONIC SYSTEMS TECHNICIAN

Installation, service and maintenance of low-voltage systems which utilizes the transmission and/or transference of voice, sound, vision, or digital for commercial, education, security and entertainment purposes for the following: TV monitoring and surveillance, background/foreground music, intercom and telephone interconnect, field programming, inventory control systems, microwave transmission, multi-media, multiplex, radio page, school, intercom and sound burglar alarms and low voltage master clock systems.

Excluded from this classification are energy management systems, life safety systems, supervisory controls and data acquisition systems not intrinsic with the above listed systems, fire alarm systems, nurse call systems and raceways exceeding fifteen feet in length.

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

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

**Class 1.** Drivers on 2 axle trucks hauling less than 9 ton. Air compressor and welding machines and brooms, including those pulled by separate units, truck driver helpers, warehouse employees, mechanic helpers, greasers and tiremen, pickup trucks when hauling materials, tools, or workers to and from and on-the-job site, and fork lifts up to 6,000 lb. capacity.

**Class 2.** Two or three axle trucks hauling more than 9 ton but hauling less than 16 ton. A-frame winch trucks, hydrolift trucks, vector trucks or similar equipment when used for transportation purposes. Fork lifts over 6,000 lb. capacity, winch trucks, four axle combination units, and ticket writers.

**Class 3.** Two, three or four axle trucks hauling 16 ton or more. Drivers on water pulls, articulated dump trucks, mechanics and working forepersons, and dispatchers. Five axle or more combination units.

**Class 4.** Low Boy and Oil Distributors.

**Class 5.** Drivers who require special protective clothing while employed on hazardous waste work.

#### TRUCK DRIVER - O & C (Oil and Chip Resealing ONLY)

It involves driving of contractor or subcontractor owned, leased, or hired pickup, dump, service, or oil distributor trucks. Includes transporting materials and equipment (including, but not limited to oils, aggregate supplies, parts, machinery and tools) to or from the job site; distributing oil or liquid asphalt and aggregate; stock piling material; and maintaining trucks at job site related to oil and chip resealing.

**Class 1.** Distributors, liquid asphalt hauling and hauling of asphalt rubber-tired rollers.

**Class 2.** Stockpiling.

**Class 3.** Tandem hauling to job site.

#### OPERATING ENGINEERS - BUILDING, HEAVY AND HIGHWAY CONSTRUCTION

**Class 1.** APSCO or Equal Spreading Machine, Backhoe, Backfiller, Boom or Winch Cat, Bituminous Mixplane Machine, Blacksmith, Bituminous Surfacing Machine, Bull-Dozer, Crane, Shovel, Dragline, Truck Crane, Pile Driver, Concrete Breaker, Concrete or Pumpcrete Pumps, Dinky or Standard Locomotives, Well or Caisson Drills, Elevating Grader, Fork Lifts, Flexplane, Gradeall, Hi-Lift Hoists, Guy-Derricks, Hysters, Mechanic Motor Patrol, Mixers-21 cu. ft. or over, Push Cats, Pulls and Scrapers, Two Well Point Pumps, Pulverizer or Tiller, PugMill, Rubber-Tired Farm Type Tractor with Bulldozer/Blade/Auger or hi-lift over 1/2 yd., Jersey Spreader, Tract-Air used with Drill or Hi-Lift, Trenching or Ditching Machines, Wood Chipper w/Tractor, Self-Propelled Roller w/Blade, Equipment Greaser, Self-Propelled Bump Grinder on Concrete pavement, Boat Operator, Skid-Loaders, Tuggers, Lazer Screed, and Self-Propelled Chip Spreader (when others run conveyors).

**Class 2.** Any type tractor pulling any type roller or disc, Two Air Compressors (220 cu. ft. capacity or over), Two AirTract Drills, Air-Track Drill w/Compressor, Automatic Bins or Scales w/Compressor or Generator, Pipeline Boring Machine, Bulk Cement Plant w/Separate Compressor, Power Operated Bull Float, Hydra-Lift w/Single Motor, Straw Mulcher Blower w/Spout, Self-Propelled Roller/Compactor, Back-End man on Bituminous Surfacing Machine, oiler on milling machine.

Class 3. Air Compressor w/Valve driving piling, Boom or Winch Type Truck, Two Conveyors, Self-Propelled Concrete Saw, Form Grader, Truck Crane Oiler, Self-Propelled Vibrator, Rubber Tired Farm Type Tractor w/Blade/Bulldozer/Auger/Hi-lift - 1/2 yd. or less, Elevator Operator, Man Lift (scissor lift) when lifting materials.

Class 4. Air-Track Drill (one), Belt Drag Machine, Power Broom, Mechanical Plasterer Applicator, Trac-Air, Air Compressor (220 cu. ft. or over) One, Air Compressor (under 220 cu. ft.) four, Automatic Bin, Bulk Cement Plant w/Built-in Compressor running off same motor or electric motor, Fireman or Switchman, Self-Propelled Form Tamper, Light Plants (4), Welding Machines (4), Pumps (4), or Combination of four (4) Pumps, Light Plants, Welding Machines, Air-Compressors (under 220 cu. ft.), Mudjacks or Wood Chipper, Mixers - less than 21 cu. ft. Mortar Mixer w/Skip or Pump, Pipeline Tract Jack. One Operating Engineer may operate and maintain any combination of the following pieces of equipment, not to exceed four (4) which shall be within a reasonable distance, such combination may include any equipment in this classification: (Compressors, Light Plants, Generators, Welding Machines, Pumps or Conveyors), One Well- Point Pump, Two Motor Driven Heaters, One Air Compressor (under 220 cu. ft.), One Engine-Driven Conveyor, One Motor Driven Heater, One Light Plant, One Pump, One Welding Machine, One Ulmac or Equal Spreader, Oilers, and one Generator 10 kw or greater.

OPERATING ENGINEER - O & C (Oil and Chip Resealing ONLY). Includes the operation of all motorized heavy equipment used in oil and chip resealing, including but not limited to operating self-propelled chip spreaders, and all types of rollers (both hard and rubber tired); and other duties pertaining to the operation or maintenance of heavy equipment relatd to oil and chip resealing.

Class 1. See Class 1 above for types of equipment operated.

Class 2. See Class 2 above for types of equipment operated.

Class 3. See Class 3 above for types of equipment operated.

Class 4. See Class 4 above for types of equipment operated.

OPERATING ENGINEER RIVER WORK 1 - operate the following machines when working on River Work and Levee Work on the Mississippi and Ohio Rivers, Lakes and Tributaries: Crane, Shovel, Drageline, Scrapers, Dredge, Derrick, Pile-Driver, Push Boat, all power boat operators, Mechanic, Engineman on Dredge, Leverman on Dredge, All Bituminous Spreader machines, Backhoe, Backfiller, Boom, or Winch Cat, Bituminous Mixplane Machine, Blacksmith, Bituminous Surfacing Machine, Bulldozer, Truck Cranes, Hydraulic Truck Mounted Boom/Crane, Concrete Finishing Machine, or Spreader Machine, Concrete Breaker, Concrete or Pumpcrete Machines, Concrete Plant Operator, All Off Road Material Hauling Equipment, Dinky or Standard Locomotives, Well Drill, Elevating Grader, Fork-Lifts, Flexplane, Gradeall, Hi-Lift, Power Handblade Tugger type Hoist, Hoist Two Drum (or over one), Gyderrick, Hyster, Motor Patrol, Mixers - 21 Cu. Ft. or over, Push Cat, Pulls, & Scrapers, Pumps-Two Well Points, Equipment Greaser, P & H Pulverizer or Pulverizer equal to Pugmill, Pugmill, Rubber-Tired farm type tractor w/Bulldozer/Blade/Auger or Hi-Lift over ¼ yard, Skimmer Scoops, Seaman Tiller, Jersey Spreader, Tract-Air used with Drill or Hi-Lift, Trenching or Ditching Machine, Wood Chipper w/Tractor, self-propelled roller w/Blade, Concrete Pumps and Small Equipment Operators.

OPERATING ENGINEER RIVER 2 - when working on River Work and Levee Work on the Mississippi and Ohio Rivers, Lakes and Tributaries shall be employed as the Oiler or Fireman on Crane, Dragline, Shovel, Dredge, Truck Crane, Pile Driver, Gradeall, Dinky or Standard Locomotive, Guy Derrick, Trenching Machine or Ditching Machine 80 H.P. and over, All Terrain (cherry-picker) with over 40 ton Lifting Capacity, Deck Oiler and Deckhands.

#### 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.