



**CALL NO. 348**

**CONTRACT ID. 082135**

**HOPKINS COUNTY**

**FED/STATE PROJECT NUMBER FE01 054 0041 012-020**

**LETTING DATE: March 21, 2008**

Sealed Bids will be received in the Division of Construction Procurement and/or the Auditorium located on the 1<sup>st</sup> floor of the Transportation Cabinet Office Building until 10:00 AM EASTERN DAYLIGHT TIME March 21, 2008. Bids will be publicly opened and read at 10:00 AM EASTERN DAYLIGHT TIME.

**REQUIRED BID PROPOSAL GUARANTY:** Not less than 5% of the total bid.

(Check guaranty submitted: Cashier's Check  Certified Check  Bid Bond  )

**BID BONDS WHEN SUBMITTED WILL BE RETAINED WITH THE PROPOSAL**

DBE General Plan Included

BID

PROPOSAL ISSUED TO: \_\_\_\_\_

SPECIMEN

\_\_\_\_\_

Address

City

State

Zip

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**PART I**  
**SCOPE OF WORK**

CONTRACT ID - 082135

ADMINISTRATIVE DISTRICT - 02

PROJECT(S) IDENTIFICATION AND DESCRIPTION:

COUNTY - HOPKINS

PCN - MP05400410801

FE01 054 0041 012-020

MADISONVILLE-SLAUGHTERS ROAD (US 41) FROM RUTTER AVENUE (MP 12.440) EXTENDING NORTHERLY  
TO KINGSWAY DRIVE (MP 19.340, A DISTANCE OF 6.90 MILES. JPC PAVEMENT REPAIRS.

GEOGRAPHIC COORDINATES LATITUDE 37°17'00" LONGITUDE 87°31'00"

AVERAGE DAILY TRAFFIC - 20900

AVERAGE MAINLINE WIDTH - 48.0 FEET

COMPLETION DATE(S):

COMPLETION DATE - July 31, 2008

APPLIES TO ENTIRE CONTRACT

## **CONTRACT NOTES**

### **PROPOSAL ADDENDA**

All addenda to this proposal must be incorporated into the proposal when the bid is submitted to the Kentucky Department of Highways. Failure to use the correct and most recent bid sheet(s) may result in the bid being rejected.

### **BID SUBMITTAL**

Bidder must use the Department's Highway Bid Program available on the Internet web site of the Department of Highways, Division of Construction Procurement. ([www.transportation.ky.gov/contract](http://www.transportation.ky.gov/contract))

The Bidder must download the bid items created from the web site to prepare a bid proposal for submission to the Department. The bidder must insert the completed bid item sheets printed from the Program into the bidder's proposal and submit with the disk created by said program.

### **JOINT VENTURE BIDDING**

Joint Venture bidding is permissible. However, both companies MUST purchase a bidding proposal. Either proposal may be submitted but must contain the company names and signatures of both parties where required. A joint bid bond of 5% may be submitted for both companies or each company may submit a separate bond of 5%.

### **UNDERGROUND FACILITY DAMAGE PROTECTION**

The contractor is advised that the Underground Facility Damage Protection Act of 1994, became law January 1, 1995. It is the contractor's responsibility to determine the impact of the act regarding this project, and take all steps necessary to be in compliance with the provision of the act.

**ASPHALT MIXTURE**

The rate of application for all asphalt mixtures shall be estimated at 110 lbs/sy per inch of depth, unless otherwise noted.

**DGA BASE**

The rate of application for DGA Base shall be estimated at 115 lbs/sy per inch of depth.

## SPECIAL NOTES FOR PCC PATCHING

### I. DESCRIPTION

Perform all work shall in accordance with the Department's Current Standard Specifications, Supplemental Specifications, Special Provision 76 and other applicable Special Provisions, and applicable Standard and Sepia Drawings, except as hereafter specified. Article references are to the Standard Specifications. Furnish all materials, labor, equipment, and incidentals for the following work:

(1) Remove and replace PCC Pavement at the locations listed and/or as directed by the Engineer; (2) Maintain and Control Traffic; and (3) All other work specified as part of this contract.

### II. MATERIALS

The Department will sample and test all materials according to Department's Sampling Manual. Make the materials available for sampling a sufficient time in advance of the use of the materials to allow for the necessary time for testing, unless otherwise specified in these notes.

**A. Maintain and Control Traffic.** See Traffic Control Plan.

**B. Dense Graded Aggregate.** Contrary to Special Provision No. 76, Crushed Stone Base may not be furnished in lieu of DGA.

**C. Seeding and protection.** Use Seed Mixture No. I

**D. Portland Cement Concrete Pavement.** Use non-reinforced JPC Pavement/24 for full depth replacement of concrete pavement. At Contractor's option with no additional cost to the Department, use other high early strength rapid setting concrete; however, obtain the Engineer's approval prior to use. Either central mixing or truck mixing will be allowed. All other materials shall be according to Special Provision No. 76.

**E. Pavement Markings.** See Traffic Control Plan.

**F. Joint and Random Crack Sealant.** Use hot poured elastic, no alternates.

### III. CONSTRUCTION METHODS

**A. Maintain and Control Traffic.** See Traffic Control Plan.

**B. Site Preparation.** Be responsible for all site preparation. This item shall include, but is not limited to, incidental excavation and backfilling; removal of all obstructions or any other items; disposal of materials; sweeping and removal of debris; temporary and permanent erosion and pollution control; and any other incidentals. All site preparation shall be only as approved or directed by the Engineer. Other than the bid items listed, no direct payment will be made for site preparation, but shall be incidental to the other items of the work.

**C. Shoulder Preparation and Restoration.** Prior to placing any lane closures that require shifting traffic onto existing shoulders, patch the shoulder as directed by the Engineer. Remove failed materials and perform additional patching as directed by the Engineer during the time the shoulder is used as a travel lane. Asphalt mixtures will be paid at the Contract unit bid prices; all other shoulder preparation and restoration will be incidental to other items of work.

**D. Concrete Pavement Removal and Replacement.** Except as specified in these notes, full depth concrete pavement removal and replacement shall be in accordance with Special Provision No. 76 Concrete Pavement Replacement and Repair. *Removal locations listed are approximate only; actual locations will be determined by the Engineer at the time of construction.* The Engineer may add additional locations within the project limits at any time prior to completion. The existing concrete and underlying asphalt pavement may be removed to the required depth by any method the Contractor wants as long as the underlying base is not unnecessarily disturbed. The nominal depth of the PCC Pavement shall be 9 inches; however, the finished grade of the PCC Pavement shall be transitioned to match the adjacent pavement that is to remain in place; therefore, the actual thickness of the pavement may be greater than existing in some areas. Gang drills, capable of drilling a minimum of four holes at a time, will be required for dowel and tie bar placement. Submit a Concrete mix design, within KYTC requirements, that meets a minimum compressive strength of 3500 psi with payment based on the schedule in Part V Section C: Basis of Payment for JPC Pavement 9". Contrary to Section 502.03.C.2, cylinders must be retained until the compressive strength is at least 3500 psi although the roadway may be opened to traffic at 3000 psi. Chloride accelerators will not be allowed.

Perform concrete pavement removal and replacement in such a manner that removal and replacement shall be accomplished on the same day at each location. Once the removal of pavement has begun, work continuously until the new PCC Pavement is placed to eliminate the hole. Hand finishing will be allowed; however, the initial strike-off shall be with a rotary drum screed. Contrary to Section 501.03.13, texturing of the pavement by the formation of transverse grooves will not be required. All other applicable sections of Special Provision No. 76 shall apply except as specified herein.

Roadway excavation is set up for excavation beyond the limits of pavement removal for subgrade repairs. If a poor subgrade is encountered in the PCCP Repair section, the Engineer may require these areas to be undercut and backfilled

with a minimum of eight inches of Crushed Aggregate Size No. 2 wrapped in Geotextile Fabric Type III.

**E. Joint Sealing.** Saw-cut- clean, and seal all transverse and longitudinal joints and the pavement shoulder joints in the new pavement areas according to section 501.03.17.

**F. Disposal of Waste.** Dispose of all removed concrete, asphalt materials, debris, excess excavation, and other waste off the right-of-way at approved sites obtained by the Contractor at no cost to the Department. The Engineer will not allow temporary openings in the right of way fence for direct access to waste sites off the right of way or for access to other public roads.

**G. Final Dressing, Clean Up, and Seeding and Protection.** After all work is completed, remove all waste and debris from the construction sites. Remove all temporary shoulder widening and restore disturbed median and shoulders. Perform Class A Final Dressing on all disturbed areas. Sow disturbed earthen areas with Seed Mixture No. I.

**H. Restoration.** Restore any roadway features disturbed by the work or the Contractor's operations in like kind materials and design as directed by the Engineer.

**I. Pavement Striping and Pavement Markers.** See Traffic Control Plan.

**J. On-Site Inspection.** Each Contractor submitting a bid for this work shall make a thorough inspection of the site prior to submitting his bid and shall thoroughly familiarize himself with existing conditions so that the work can be expeditiously performed after a contract is awarded. Submission of a bid will be considered evidence of this inspection having been made. Any claims resulting from site conditions will not be honored by the Department.

**K. Coordination of Work.** Be advised that other projects may be in progress within or in the near vicinity of this project. The traffic control of those projects may affect this project and the traffic control of this project may affect those projects. The Contractor shall coordinate the work on this project with the work of the other contractors. In case of conflict, the Engineer will determine the relative priority to give to work phasing on the various projects.

**L. Utility Clearance.** Locate all underground, above ground and overhead utilities prior to beginning construction. The Contractor shall have the responsibility for contacting and maintaining liaison with all utility companies that have utilities located within the project limits. Do not disturb existing overhead or underground utilities. It is not anticipated that any utility facilities will need to be relocated and/or adjusted; however, in the event that it is discovered that the work does require that utilities be relocated and/or adjusted, the utility companies will work concurrently with the Contractor while relocating their facilities. The Department will not charge working days for those days on which work on the controlling item is delayed, as

provided in the Specifications. If the total delay exceeds ten working days, the Department will negotiate an extension of the specified completion date with the Contractor for delay to the Contractor's work. The Contractor shall be responsible for repairing all utility damage that occurs as a result of his operations at no additional cost to the Department.

#### **IV. METHOD OF MEASUREMENT**

**A. Maintain and Control Traffic.** See Traffic Control Plan.

**B. Site Preparation.** Other than the bid items listed, site preparation will not be measured for payment, but shall be incidental to the other items of the work.

**C. JPC Pavement 9"/24** Contrary to Special Provision 76, JPC Pavement 9"/24 will be measured for payment; see Sections 501 and 502.

**D. Smooth Dowels and Deformed Tie Bars.** Contrary to Special Provision No. 76, smooth dowels and deformed tie bars will not be measured for payment, but shall be incidental to JPC Pavement 9"/24

**E. Saw-Clean-Seal Joints.** Contrary to Special Provision No. 76, longitudinal and transverse joints and pavement shoulder joints sealed in new pavement area will not be measured for payment , but will be incidental to JPC Pavement 9"/24.

**F. Raised Pavement Markers and Temporary and Permanent Striping.** See Traffic Control Plan.

**G. Remove Type V Pavement Markers.** Removing Type V pavement markers will not be measured for payment, but shall be incidental Removing Pavement.

**H. Final Dressing, Clean Up, and Seeding and Protection.** Final Dressing, Clean Up, and Seeding and Protection will not be measured for separate payment, but shall be incidental to other items of work.

**I. Restoration.** All items of restoration will not be measured for payment, but shall be incidental to the other items of work.

#### **V. BASIS OF PAYMENT**

No direct payment will be made other than for the bid items listed. All other items required to complete the construction shall be incidental to the bid items listed.

**A. Maintain and Control Traffic.** See Traffic Control Plan.

**B. Remove PCC Pavement.** See Special Provision No. 76.

**C. JPC Pavement 9”/24** Contrary to Special Provision 76, JPC Pavement will be paid according to Sections 501 and the following schedule based on compressive strength. Cylinders for payment will be broken the morning that traffic is opened at 4 am.

3000 psi and up	100% pay
2750 to 3000 psi	75 % pay and approval from the Engineer to open to traffic*
2500 to 2750 psi	50% pay and approval from the Engineer to open to traffic*
2250 to 2500 psi	25% pay and approval from the Engineer to open to traffic*
Below 2250 psi	10% pay and No potential to Open. Maintain Closure until concrete reaches minimum of 2250 psi*

\* If Engineer approves opening to traffic, the Engineer will evaluate at 28 days (or sooner) to determine if remove and replace is necessary due to pavement distress induced by early opening (i.e. noticeable cracking). If required by the Engineer, remove and replace those slabs showing distress at no cost to the Department.

## **Polymer Patching Repair**

Description. This work consists of milling or routing, cleaning and patching pot holes, transverse and longitudinal cracks reflected in the existing bituminous surface or longitudinal shoulder joints, transverse and longitudinal random cracks, centerline joints, contraction joints, longitudinal and transverse expansion joints or spalled areas in Portland cement concrete pavement.

### Materials.

The material shall be a hot, pourable, self-adhesive pavement repair material, which has no voids and requires no compaction. The material shall contain a highly polymer modified binder and an aggregate ratio that allows for sufficient load bearing characteristics at high ambient temperatures yet maintains flexibility in cold temperatures.

Aggregate shall be lightweight and from a select source capable of passing a maximum 28% L.A. abrasion test results. The material shall weigh 10.4 pounds per gallon. It shall be able to be reheated to application temperature at least once after the initial heat up without degradation of product. Product shall have a minimum pot life of 12 hours, which can be extended by adding fresh product to the melter. Material shall be supplied in solid form in self-release strippable kegs not exceeding 40 lbs. Material shall be a thick grainy appearing slurry at application temperature which requires no compaction.

The material shall have the following properties when heated in accordance with ASTM D5167:

Climatic Temperature	Moderate
Pourability (viscosity @ 400° F) (PTM1)	1000-1400gm
Stability @ 158° F (PTM2)	0.5" max.
Flexibility @ Low Temperature (PTM3)	Pass @ 0° F
Tensile Adhesion @ 77° F (PTM4)	20 psi min
Specific Gravity (ASTM D792)	1.35 max.
Skid Resistance BPM (ASTM E303)	40 min
Minimum Application Temperature	375° F
Maximum application Temperature	410° F

Note: Due to unique characteristics of material, modified test procedures are required to indicate properties. Test methods PTM 1, 2, 3 and 4 are available upon request.

## General.

### Concrete Pavement

Spalled areas are to be milled, routed, or sawed and chipped out to sound pavement. Transverse cracks 1½" or greater without surface depressions shall be routed ½" deep and no less than 3" to either side of the crack. An additional 1 ½" (min) deep by 2" wide rout shall be provided at the crack location to insure that all unstable material is removed. Longitudinal cracks or joints may be prepared by milling out the edges 1" beyond the crack and minimum 1½" deep to sound pavement. The area is to be filled from bottom to top then struck off at the surface. If depth is greater than 2" the area is to be filled in two lifts to accommodate for material shrinkage. This milling, chipping or routing operation shall be performed to create a reservoir for the filler product and to insure surrounding surface is intact for product adhesion.

### Bituminous Surface

Pot holes are to be prepared to sound pavement and cleaned and dried. If depth is greater than 2" two lifts of material shall be applied. Cracks 1" wide or greater with depressions on either side of the crack shall be milled or routed ½" deep and no less than 3" to either side of the crack. An additional 1 ½" (min) deep by 2" wide rout shall be provided at the crack location to insure that all unstable material is removed.

### Concrete Pavement and Bituminous Surfaces

The area to be filled shall be cleaned to the satisfaction of the Engineer. Cleaning shall consist of removing all dirt, incompressibles and vegetation from existing area. This shall be accomplished with sufficient compressed air and a hand tool if necessary. Following the cleaning operation, all area shall be heat lanced to clean and remove moisture and any remaining dust. Heat lancing shall proceed just ahead of the filling operations. On concrete pavements, a primer shall be applied prior to the placement of the patching material. Primer shall be TechPrime that meets or exceeds PolyPatch manufactures requirements.

The primer shall be applied evenly using a clean, well-coated brush. Do not over apply. Surface temperature shall be between 5°C and 80°C. Primer may be sprayed on at an application rate of 50 to 75 SF/Gal. Any puddles of the primer will be broomed out. The primer shall be dried until tacky before the product can be applied.

The patching material container shall be stripped from the product and the material placed in the melter/applicator. If the area is greater than 2" in depth the material shall be applied in two separate lifts. With the first lift, the area shall be filled from bottom to top, to within ½" of surrounding surfaces. After the material has cooled somewhat, a second lift shall be applied. The material shall be leveled to surrounding pavement surface with an appropriate leveling device. The material may be placed at just the edge of the repair or a tight bandaid of material on the edges of the repair will be needed. The two-lift approach is to allow for approximate 5% shrinkage of material. The material shall be vigorously agitated in the applicator at all times.

Equipment. The crack routing machine shall be a Crafcro Model 200 Crack Cleaner or equal. The machine shall be portable and capable of routing the existing bituminous and concrete surfaces along and adjacent to the joint and crack. The unit shall be capable of following random cracks. The unit shall have an adjustable depth control and be capable of cutting width modification. The machine shall be capable of cutting approximately 1,000 to 1,200 lin ft / hour of cracks or joints with an experienced operator. Planer shall be a 6" to 12" milling head mounted on a skid steer capable of milling up to 6" deep.

The heat lance shall be capable of producing air temperatures up to 2500° F and be constructed of stainless steel. It shall have separate valves to control propane, burner air and lance air. The fuel and the burner air shall be mixed only at the point of combustion before leaving the burner tube. A separate air lance tube shall pass inside the burner chamber and be orificed to a maximum of 1/4". At the fuel source, the propane shall be controlled by a high-pressure regulator to control fuel pressure from 5 PSI to 30 PSI and to prevent flashback. Burner BTU should range from 20,000 to 450,000 BTU. A wheel kit constructed to keep the unit at the proper height and angle from the pavement and to prevent debris from striking the operator shall be used.

The material melter/applicator shall be designed to effectively melt, heat and apply the product. Melters other than that described shall not be used due to application difficulties, pump systems damage and extreme wear. Standard crack sealing melter or any other unproven applicator shall not be used unless approved by the Engineer.

Method of Measurement. Prepared areas will be measured for payment in cubic foot.



## OPTIMUM PERFORMANCE SEALANTS

### Fibrecrete FLEXIBLE REPAIR MATERIALS

#### II. Fibrecrete “B”

##### DESCRIPTION

Fibrecrete Flexible Repair Material is a flexible repair for joint/large crack, spalls and pot- hole repairs in asphalt and concrete. It is a hot-applied mastic asphalt binder with 36% bitumen content, polymers mixed with graded fillers, recycled steel fibers ( less than 1%total weight), aggregates and recycled tire rubber ( no less than 3% of total weight).

##### APPLICATIONS

Fibrecrete is designed to replace traditional asphaltic repairs, which are prone to failure due to their stiffness. Fibrecrete exceed the requirements of most asphaltic joint seals due to its flexibility. The installed product is a load-bearing repair that has superior tensile strength and flexibility to accommodate limited thermal expansion and contraction. Fibrecrete has exceptional resistance to water intrusion and to a broad range of salts, bases and organic materials, making the repair a long-term solution for highway maintenance projects.

##### MATERIAL SPECIFICATIONS

Fibrecrete is an electrometric polymer modified binder. Installed in accordance with the manufacturer’s specifications, the installed product will conform to the following properties:

<u>BINDER PROPERTIES</u>	<u>METHOD</u>	<u>REQUIREMENT</u>
Bond	ASTM D 1190	Pass, 3 cycles @ -20°C, 50%
Penetration	ASTM D 5329	1 mm min @ -18°C, 200 g, 60 sec 9 mm max @ 25°C, 150 g, 5 sec
Ductility	ASTM D113	40 cm min @ 25°C
Flexibility	ASTM D5329	Pass @ -12°C
Flow	ASTM D5329	3 mm max @ 60° @ 5 hours
Resilience	ASTM D5329	40% min @ 25°C
Softening Point	ASTM D36	82°C min
Elongation	FTL	200% min
Wheel tracking@ 122°F	BS598	4.8mm/h
Safe Heating Temperature		230°C (440°F)
Recommended Pouring Temperature		185°C to 199°C (365°F-390°F)



## **SITE PREPARATION**

The joint/crack shall be milled with a mechanical planer to the specified width and depth (if required) all spalls and pot holes shall be milled or saw cut or jack hammered at the engineers discretion. The repair surfaces will be cleaned and dried with a hot air lance capable of producing temperatures in excess of 1400°C and directional velocities exceeding 750 meters per second. The recessed area and vertical walls will be treated with a primer agent to promote adhesion and prevent moisture intrusion (for concrete applications only). Where required, polyethylene backer rod will be placed in the bottom of the repair and a bridging plate (per specification) installed over the bottom gap.

## **INSTALLATION**

Installation of the Fibrecrete material shall be by factory trained and certified installation professionals. The Fibrecrete material will be heated in a thermostatically controlled mixer, having a horizontal agitator that ensures complete mixing. Once the material has reached approximately 300°F, the molten Fibrecrete will be introduced into the prepared repair area, sealing the bottom of the repair from water intrusion. For depths greater than 1 inch heated ¾" granite aggregate shall be added at a rate of 25% - 35% by volume. The final ¾" of the repair will be Fibrecrete material for optimum flexibility of the repair. Once this top layer has been screeded to a level grade, a high PSV aggregate will be applied to the top of the repair to ensure proper skid resistance. Depending on the depth of the repair, the Fibrecrete material will be ready for traffic return between 30 minutes to 1 hour.

All removed materials and residual repair materials will be recovered and disposed of away from the site according to the client's specifications.

## **WARRANTY**

Fibrecrete Technologies, LLC. warrants that Fibrecrete products meet applicable specifications provided they are installed in accordance with the manufacturer's guidance and specifications. Marketing Associates, Inc. and the applicator shall warrant that the work performed and materials furnished shall perform for 1 year from date of installation when installed by the materials supplier's certified applicator and installed to the manufacturers specifications.

Distributed in the United States under license from Fibrecrete Technologies, LLC. by:

**Marketing Associates, Inc.**  
**131 St. James Way**  
**Mount Airy, North Carolina 27030**  
**336-789-7259**  
[www.marketingassociatesinc.com](http://www.marketingassociatesinc.com)

## **SPECIAL NOTE FOR LIQUIDATED DAMAGES**

In addition to the Liquidated Damages specified in Section 108.09, Liquidated Damages in the amount \$2,000.00 per day, will be assessed for each day or part of a day a lane closure remains in place during the prohibited dates or hours as specified in the Traffic Control Plan, excluding delays caused by inclement weather. If work is delayed by inclement weather, the minimum work required to allow removal of the lane closure shall be resumed immediately as soon as weather permits.

In addition to the Liquidated Damages specified in Section 108.09, Liquidated damages in the amount of \$2,000.00 per day, will be assessed for each excavated area for each day or part of a day beyond one (1) calendar day an excavated area remains open without the PCC Pavement being placed, excluding delays caused by inclement weather. If work is delayed by inclement weather, the work required to place the new PCC Pavement shall be resumed immediately as soon as weather permits.

Contrary to section 108.09, Liquidated damages will be assessed for the months of December through March.

All liquidated damages will be applied accumulatively.

All other applicable portions of Section 108 apply.

## **SPECIAL PROVISION FOR WASTE AND BORROW SITES**

The contractor is advised that it is their responsibility to gain U.S. Army Corp of Engineer's approval before utilizing a waste or borrow site that involves "Waters of the United States". "Waters of the United States" are defined as perennial or intermittent streams, ponds or wetlands. Ephemeral streams are also considered jurisdictional waters, and are typically dry except during rainfall, but have a defined drainage channel. Questions concerning any potential impacts to "Waters..." should be brought to the attention of the appropriate District Office for the Corps of Engineers for a determination, prior to disturbance. Any fees associated with obtaining approval from the U.S. Army Corp of Engineer or other appropriate regulatory agencies for waste and borrow sites is the responsibility of the contractor.

## TRAFFIC CONTROL PLAN

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### TRAFFIC CONTROL GENERAL

Except as provided herein, maintain and control traffic in accordance with the Current Standard Specifications and the Standard Drawings, current editions. Except for the roadway and traffic control bid items listed, all items of work necessary to maintain and control traffic will be paid at the lump sum bid price to "Maintain and Control Traffic".

Contrary to Section 106.01, traffic control devices used on this project may be new, or used in like new condition, at the beginning of the work and maintained in like new condition until completion of the work.

If requested by the Contractor, zones for double fines for speeding violations may be established when workers are present. Notify the Engineer a minimum of 12 hours prior to using the double fine signs. Dual mount the "WARNING FINE DOUBLED IN WORK ZONE" signs and the "END DOUBLE FINE" signs. Remove or cover the double fine signs when the highway work zone does not have workers present for more than a two hour period of time. Furnishing, erecting, covering and uncovering, and maintaining double work zone signs requested by the Contractor will not be measured for payment but shall be incidental to Maintain and Control Traffic.

### PROJECT PHASING & CONSTRUCTION PROCEDURES

Lane Closures will not be allowed during the following days and hours:

May 23-26, 2008

July 4-6, 2008

Memorial Day Weekend

Independence Day Weekend

At the discretion of the Engineer, additional days and hours may be specified when lane closures will not be allowed.

Maintain one lane of traffic in each direction at all times during construction. Two weeks prior to beginning work, provide the engineer a proposed schedule of lane closure for approval. The clear lane width shall be 11 feet except as specified in the phasing requirements; however make provision for passage of vehicles of up to 16 feet in width through the work zone. If traffic should be stopped due to construction operations, and a school bus or emergency vehicle on an official run arrives on the scene, make provisions for the passage of them as quickly as possible.

Night work will be allowed on this project. The method of lighting for night work will require written approval from the Engineer prior to its use.

Pavement repair locations listed in the proposal are approximate only; the Engineer will determine exact locations at time of construction. Perform concrete pavement removal and concrete replacement

## Traffic Control Plan

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in such a manner that removal and replacement shall be accomplished on the same day at each location. Once the removal of pavement has begun, the Contractor shall work continuously until the new PCC Pavement is placed to eliminate the hole. Place Type III Barricades immediately in front of pavement removal areas until the new PCC Pavement achieves initial set.

### **SIGNS**

Contrary to section 112.04.02, only long term construction signs (signs intended to be continuously in place for more than 3 days) will be measured for payment; short term signs (signs intended to be left in place for 3 days or less) will not be measured for payment but shall be incidental to Maintain and Control Traffic.

Individual construction signs will be measured only once for payment, regardless of how many times they are set, reset, removed, and relocated during the duration of the project. Replacements for damaged signs or signs directed to be replaced by the Engineer due to poor legibility or reflectivity will not be measured for payment.

Relocate and reset or cover existing permanent signs as required by the work. Obtain the Engineer's approval before removing or covering an existing sign. The Department will not measure relocating and resetting or covering existing permanent signs, but shall be incidental to Maintain and Control Traffic.

### **BARRICADES**

Barricades used in lieu of barrels and cones for channelization or delineation shall be incidental to Maintain and Control Traffic according to Section 112.04.01. Barricades used to protect pavement removal areas and shoulder trenches will be bid as each according to Section 112.04.04.

Individual barricades will be measured only once for payment, regardless of how many times they are set, reset, removed, and relocated during the duration of the project. Replacements for damaged barricades or barricades directed to be replaced by the Engineer due to poor legibility or reflectivity will not be measured for payment.

### **TRUCK MOUNTED ATTENUATORS**

The Contractor shall furnish and install Truck Mounted Attenuators in advance of all pavement removal areas and other work areas when workers are present less than 10 feet from traffic. See Supplemental Specifications for additional requirements. When workers are present, place one TMA at pavement removal locations, one at PCC paving locations. If there is less than 500 feet between work sites, only a single TMA will be required at a location directed by the Engineer. The TMAs shall be located at the individual work sites and shall be moved as the work zone moves within the project limits. All details of the TMA installations are to be approved by the Engineer. TMAs will not be paid for but will be considered incidental to Maintain and Control Traffic.

Traffic Control Plan  
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### **CHANGEABLE MESSAGE SIGNS**

Provide changeable message signs in advance of and within the project at locations to be determined by the Engineer. If work is in progress concurrently in both directions or if more than one lane closure is in place in the same direction of travel, provide additional changeable message signs as directed by the Engineer. Place changeable message signs one mile in advance of the anticipated queue at each lane closure. As the actual queue lengthens and/or shortens relocate or provide additional changeable message signs so that traffic has warning of slowed or stopped traffic at least one mile but not more than two miles before reaching the end of the actual queue. The locations designated may vary as the work progresses. The messages required to be provided shall be designated by the Engineer. In the event of damage or mechanical/electrical failure, the Contractor shall repair or replace the Changeable Message Sign within 24 hours. The Department will measure for payment the maximum number of changeable message signs in concurrent use at the same time on a single day on all sections of the contract. Individual changeable message signs will be measured only once for payment, regardless of how many times they are set, reset, removed, and relocated during the duration of the project. Replacements for damaged changeable message signs directed by the Engineer to be replaced due to poor condition or readability will not be measured for payment.

### **ARROW PANEL**

Use arrow panels as shown on the Standard Drawings or as directed by the Engineer. The Department will measure for payment the maximum number of arrow panels in concurrent use at the same time on a single day on all sections of the contract. Individual arrow panels will be measured only once for payment, regardless of how many times they are set, reset, removed, and relocated during the duration of the project. Replacements for damaged arrow panels directed by the Engineer to be replaced due to poor condition or readability will not be measured for payment. Arrow panels will remain the property of the Contractor after construction is complete.

### **TEMPORARY ENTRANCES**

The Contractor will not be required to provide continuous access to farms, single family, duplex, or triplex residential properties during working hours; however, provide reasonable egress and ingress to each such property when actual operations are not in progress at that location. The time during which a farm or residential entrance is blocked shall be the minimum length of time required for actual operations, shall not be extended for the Contractor's convenience, and in no case shall exceed six (6) hours. Notify all residents twenty-four hours in advance of any driveway or entrance closings and make any accommodations necessary to meet the access needs of disabled residents.

Except as allowed by the Phasing as specified above, maintain direct access to all side streets and roads, schools, churches, commercial properties and apartments or apartment complexes of four or more units at all times.

Traffic Control Plan  
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Payment will be allowed at the unit price bid for all asphalt materials required to construct and maintain any temporary entrances which may be necessary to provide temporary access; however, no direct payment will be allowed for aggregates, excavation and/or embankment needed. The Engineer will determine the type of surfacing material, asphalt or aggregate, to be used at each entrance.

### **PAVEMENT MARKINGS**

Contrary to Section 112.03.10, remove or cover the lenses of raised pavement markers that do not conform to the traffic control scheme in use during night time hours, or as directed by the Engineer. Replace or uncover lenses before a closed lane is reopened to traffic. No direct payment will be made for removing and replacing or covering and uncovering the lenses, but shall be incidental to "Maintain and Control Traffic".

Place temporary and permanent striping according to Sections 112 and 748, except that:

1. Place either temporary or permanent striping before opening a lane to traffic (include edge lines for temporary striping); and
2. Removable lane tape shall be 6" in width.

### **PAVEMENT EDGE DROP-OFFS**

Do not allow an elevation difference greater than 1½" on pavement edges between lanes that traffic is expected to cross in a lane change situation. Place warning signs (MUTCD W8-11 or W8-9A) in advance of and at 1500 feet intervals throughout the drop-off area. Dual posting on both sides of the traveled way shall be required. Wedge transverse transitions between newly surfaced pavement and the existing pavement areas that traffic may cross with asphalt surface. Remove the wedges prior to placement of the final surface course.

Treat pavement edges that traffic is not expected to cross, except accidentally, as follows:

Less than 2" – No protection required.

2" to 4" – Place plastic drums, vertical panels, or barricades every 50 feet. Cones may be used in place of plastic drums, panels, and barricades during daylight working hours.

Wedge with DGA or asphalt mixtures with a 1:1 or flatter slope in daylight hours, or 3:1 or flatter slope during nighttime hours, when work is not active in the drop-off area.

4 inches and greater – Protect with a lane or shoulder closure using drums or barricades; cones will not be allowed for lane or shoulder closures for drop-offs 4 inches or greater. Place drums or barricades with spacing not to exceed 25 feet. Place Type III Barricades facing oncoming traffic at each drop off. If for any reason traffic must be maintained less than 10 feet from the drop off, wedge with DGA with 3:1 or

Traffic Control Plan  
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flatter slope when work is not actively in progress in the drop-off area. Once excavation begins, work continuously to construct DGA and asphalt base to eliminate the drop-off. Drop-offs greater than 4 inches within 10 feet of traffic will not be allowed during non-working hours.

## **POLICY FOR THE USE AND PLACEMENT OF CHANGEABLE MESSAGE SIGNS**

The following policy is based upon current Changeable Message Signs (CMS) standards and practice from many sources, including the Federal Highway Administration (FHWA), other state Departments of Transportation, and Traffic Safety Associations. It is understood that each CMS installation or use requires individual consideration due to the specific location or purpose. However, there will be elements that are constant in nearly all applications. Accordingly these recommended guidelines bring a level of uniformity, while still being open to regional experience and engineering judgement.

### **Application**

The primary purpose of CMS is to advise the driver of unexpected traffic and routing situations. Examples of applications where CMS can be effective include:

- ◆ Closures (road, lane, bridge, ramp, shoulder, interstate)
- ◆ Changes in alignment or surface conditions
- ◆ Significant delays, congestion
- ◆ Construction / maintenance activities (delays, future activities)
- ◆ Detours / alternate routes
- ◆ Special events with traffic and safety implications
- ◆ Crash / incidents
- ◆ Vehicle restrictions (width, height, weight, flammable)
- ◆ Advance notice of new traffic control device
- ◆ Real-time traffic conditions (must be kept up-to-date)
- ◆ Weather/driving conditions, environmental conditions, Roadway Weather Information Systems
- ◆ \*Public Service Announcements that improve highway safety
- ◆ Emergency situations
- ◆ Referral to Highway Advisory Radio (if available)
- ◆ Messages as approved by the State Highway Engineer's Office

\* Use the CMS for special campaigns that will have a specified beginning and ending date. The CMS should not be used for more than three weeks with any special campaign.

CMS should not be used for:

- ◆ Replacement of static signs (e.g. road work ahead), regulatory signs (e.g. speed limits), pavement markings, standard traffic control devices, conventional warning or guide signs
- ◆ Replacement of lighted arrow board
- ◆ Advertising\* (\*Don't advertise the event unless clarifying "action" to be taken by driver - e.g. Speedway traffic next exit)
- ◆ Generic messages
- ◆ Test messages (portable signs only)
- ◆ Describe recurrent congestion (e.g. rush hour)
- ◆ Public service announcements (not traffic related)

## Changeable Message Sign Policy

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### Messages

Basic principles that are important to providing proper messages and insuring the proper operation of a CMS are:

- ◆ Visible for at least ½ mile under ideal daytime and nighttime conditions
- ◆ Legible from all lanes a minimum of 650 feet
- ◆ Entire message readable twice while traveling at the posted speed
- ◆ No more than two message panels should be used (Three panels may be used on roadways where vehicles are traveling less than 45 mph). A panel is the message that fits on the face of the sign without flipping or scrolling.
- ◆ Each panel should convey a single thought; short and concise
- ◆ Do not use two unrelated panels on a sign
- ◆ Do not use the sign for two unrelated messages
- ◆ Should not scroll text horizontally or vertically
- ◆ Should not contain both the words *left* and *right*
- ◆ Use standardized abbreviations and messages
- ◆ Should be accurate and timely
- ◆ Avoid filler/unnecessary words and periods (hazardous, a, an, the)
- ◆ Avoid using local names or landmarks
- ◆ Avoid use of speed limits
- ◆ Use words (not numbers) for dates

### Placement

Placement of the CMS is important to insure that the sign is visible to the driver and provides ample time to take any necessary action. Some of the following principles may only be applicable to controlled access roadways. The basic principles of placement for a CMS are:

- ◆ When 2 signs are needed, place on same side of roadway and at least 1,000 feet apart
- ◆ Place behind semi-rigid/rigid protection (guardrail, barrier) or outside of the clear zone
- ◆ Place 1,000 feet in advance of work zone; at least one mile ahead of decision point
- ◆ Normally place on right side of roadway, but should be place closest to affected lane so either side is acceptable
- ◆ Signs should not be dual mounted (one on each side of roadway facing same direction)
- ◆ Point trailer hitch downstream
- ◆ Secure to immovable object to prevent thief (if necessary)
- ◆ Do not place in sags or just beyond crests
- ◆ Check for reflection of sun to prevent the blinding of motorists
- ◆ Should be turned ~3° outward from perpendicular to the edge of pavement
- ◆ Bottom of sign should be 7 feet above the elevation of edge of roadway
- ◆ Should be removed when not in use

Changeable Message Sign Policy  
Page 3 of 6**STANDARD ABBREVIATIONS**

The following is a list of standard abbreviations to be used on CMS.

<b><u>Word</u></b>	<b><u>Abbrev.</u></b>	<b><u>Example</u></b>
Access	ACCS	ACCIDENT AHEAD/USE ACCS RD NEXT RIGHT
Alternate	ALT	ACCIDENT AHEAD/USE ALT RTE NEXT RIGHT
Avenue	AVE	FIFTH AVE CLOSED/DETOUR NEXT LEFT
Blocked	BLKD	FIFTH AVE BLKD/MERGE LEFT
Boulevard	BLVD	MAIN BLVD CLOSED/USE ALT RTE
Bridge	BRDG	SMITH BRDG CLOSED/USE ALT RTE
Cardinal Directions	N, E, S, W	N I75 CLOSED/ DETOUR EXIT 30
Center	CNTR	CNTR LANE CLOSED/MERGE LEFT
Commercial	COMM	OVRSZ COMM VEH/USE I275
Condition	COND	ICY COND POSSIBLE
Congested	CONG	HVY CONG NEXT 3MI
Construction	CONST	CONST WORK AHEAD/EXPECT DELAYS
Downtown	DWNTN	DWNTN TRAF USE EX 40
Eastbound	E-BND	E-BND I64 CLOSED/DETOUR EXIT 20
Emergency	EMER	EMER VEH AHEAD/PREPARE TO STOP
Entrance, Enter	ENT	TRUCK ENT NEXT RIGHT
Exit	EX, EXT	DWNTN TRAF USE EX 40
Expressway	EXPWY	WTRSN EXPWY CLOSED/DETOUR EXIT 10
Freeway	FRWY, FWY	GN SNYDR FWY CLOSED/DETOUR EXIT 15
Hazardous Materials	HAZMAT	HAZMAT IN ROADWAY/ALL TRAF EXIT 25
Highway	HWY	ACCIDENT ON AA HWY/EXPECT DELAYS
Hour	HR	ACCIDENT ON AA HWY/2 HR DELAY
Information	INFO	TRAF INFO TUNE TO 1240AM
Interstate	I	E-BND I64 CLOSED/DETOUR EXIT 20
Lane	LN	LN CLOSED /MERGE LEFT
Left	LFT	LANE CLOSED /MERGE LFT
Local	LOC	LOC TRAF USE ALT RTE
Maintenance	MAINT	MAINT WRK ON BRDG/SLOW
Major	MAJ	MAJ DELAYS I75/USE ALT RTE
Mile	MI	ACCIDENT 3 MI AHEAD/USE ALT RTE
Minor	MNR	ACCIDENT 3 MI MNR DELAY
Minutes(s)	MIN	ACCIDENT 3 MI /30 MIN DELAY
Northbound	N-BND	N-BND I75 CLOSED/DETOUR EXIT 50
Oversized	OVRSZ	OVRSZ COMM VEH/USE I275 NEXT RIGHT
Parking	PKING	EVENT PKING NEXT RGT
Parkway	PKWY	CUM PKWAY TRAF/DETOUR EXIT 60
Prepare	PREP	ACCIDENT 3 MI/PREP TO STOP
Right	RGT	EVENT PKING NEXT RGT
Road	RD	HAZMAT IN RD/ALL TRAF EXIT 25
Roadwork	RDWK	RDWK NEXT 4 MI/POSSIBLE DELAYS

Changeable Message Sign Policy

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Route	RTE	MAJ DELAYS I75/USE ALT RTE
Shoulder	SHLDR	SHLDR CLOSED NEXT 5 MI
Slippery	SLIP	SLIP COND POSSIBLE/SLOW SPD
Southbound	S-BND	S-BND I75 CLOSED/DETOUR EXIT 50
Speed	SPD	SLIP COND POSSIBLE/SLOW SPD
Street	ST	MAIN ST CLOSED/USE ALT RTE
Traffic	TRAF	CUM PKWAY TRAF/DETOUR EXIT 60
Vehicle	VEH	OVRSZ COMM VEH/USE I275 NEXT RIGHT
Westbound	W-BND	W-BND I64 CLOSED/DETOUR EXIT 50
Work	WRK	CONST WORK 2 MI/POSSIBLE DELAYS

Certain abbreviations are prone to inviting confusion because another word is abbreviated or could be abbreviated in the same way. DO NOT USE THESE ABBREVIATIONS.

<u>Abbrev.</u>	<u>Intended Word</u>	<u>Word Erroneously Given</u>
ACC	Accident	Access (Road)
CLRS	Clears	Colors
DLY	Delay	Daily
FDR	Feeder	Federal
L	Left	Lane (Merge)
LOC	Local	Location
LT	Light (Traffic)	Left
PARK	Parking	Park
POLL	Pollution (Index)	Poll
RED	Reduce	Red
STAD	Stadium	Standard
TEMP	Temporary	Temperature
WRNG	Warning	Wrong

**TYPICAL MESSAGES**

The following is a list of typical messages used on CMS. The list consists of the **reason or problem** that you want the driver to be aware of and the **action** that you want the driver to take.

**Reason / Problem**

- ACCIDENT
- ACCIDENT/xx MILES
- xx ROAD CLOSED
- xx EXIT CLOSED
- BRIDGE CLOSED
- BRIDGE/(SLIPPERY, ICE, etc.)
- CENTER/LANE/CLOSED

## Changeable Message Sign Policy

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DELAY(S), MAJOR/DELAYS

DEBRIS AHEAD

DENSE FOG

DISABLED/VEHICLE

EMER/VEHICLES/ONLY

EVENT PARKING

EXIT xx/CLOSED

FLAGGER/xx MILES

FOG/xx MILES

FREEWAY CLOSED

FRESH/OIL

HAZMAT/SPILL

ICE

INCIDENT AHEAD

LANES/(NARROW, SHIFT, MERGE, etc.)

LEFT LANE CLOSED

LEFT LANE NARROWS

LEFT/2 LANES/CLOSED

LEFT/SHOULDER/CLOSED

LOOSE/GRAVEL

MEDIAN/WORK/xx MILES

MOVING/WORK/ZONE, WORKERS/IN/ROADWAY

NEXT EXIT CLOSED

NO/OVERSIZE/LOADS

NO/PASSING

NO/SHOULDER

ONE/LANE/BRIDGE

PEOPLE/CROSSING

RAMP CLOSED

RAMP/(SLIPPERY, ICE, etc.)

RIGHT/LANE/CLOSED

RIGHT/2 LANES/CLOSED

RIGHT/LANE/NARROWS

RIGHT/SHOULDER/CLOSED

ROAD CLOSED

ROAD/CLOSED/xx MILES

ROAD/(SLIPPERY, ICE, etc.)

ROAD/WORK

ROAD/WORK (or CONSTRUCTION)/(TONIGHT, TODAY TOMORROW, DATE, etc.)

ROAD/WORK/xx MILES

SHOULDER/(SLIPPERY, ICE, SOFT, BLOCKED, etc.)

NEW SIGNAL/xx MILES

SINGLE LANE

SLOW/1 (or 2) -WAY/TRAFFIC

SOFT/SHOULDER

STALLED VEHICLES AHEAD

## Changeable Message Sign Policy

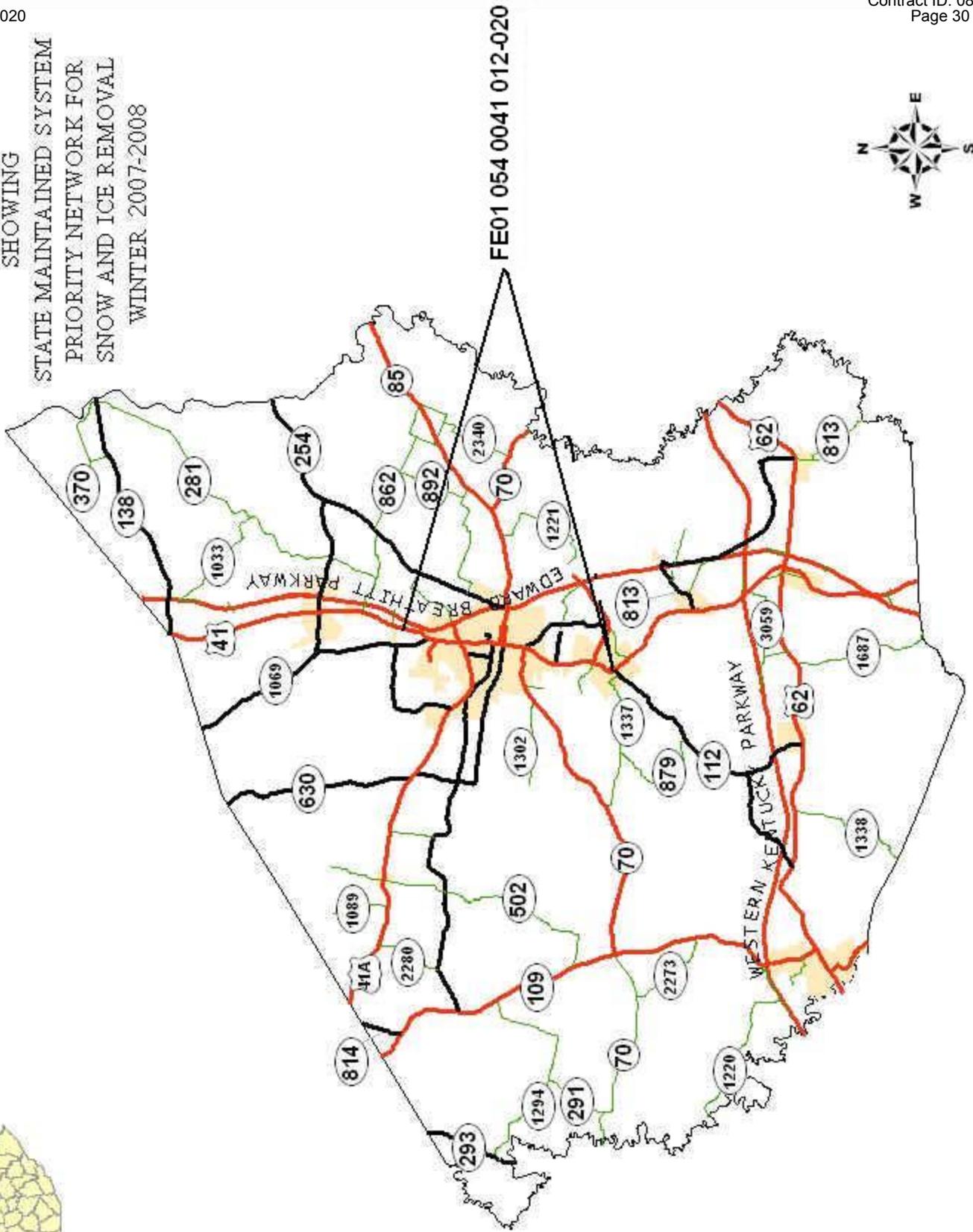
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TRAFFIC/BACKUP  
TRAFFIC/SLOWS  
TRUCK/CROSSING  
TRUCKS/ENTERING  
TOW TRUCK AHEAD  
UNEVEN/LANES  
WATER/ON/ROAD  
WET PAINT  
WORK/ZONE/xx MILES  
WORKERS AHEAD

### Action

ALL/TRAFFIC/ EXIT RT  
AVOID/DELAYS/USE xx  
CONSIDER/ALT/ROUTE  
DETOUR  
DETOUR/xx MILES  
DO NOT/PASS  
EXPECT/DELAYS  
FOLLOW/ALT/ROUTE  
KEEP LEFT  
KEEP RIGHT  
MERGE/xx MILES  
MERGE/LEFT  
MERGE/RIGHT  
ONE-WAY/TRAFFIC  
PASS/TO/LEFT  
PASS TO/RIGHT  
PREPARE/TO/STOP  
REDUCE/SPEED  
SLOW  
SLOW/DOWN  
STAY IN/LANE  
STAY ON/xx  
STOP/AHEAD  
STOP/xx MILES  
TUNE/RADIO/1610 AM  
USE/nn/ROAD  
USE/CENTER/LANE  
USE/DETOUR/ROUTE  
USE/LEFT/LANE  
USE/NEXT/EXIT  
USE/RIGHT/LANE  
WATCH/FOR/FLAGGER

DEPARTMENT OF HIGHWAYS  
MAP OF  
HOPKINS COUNTY  
SHOWING  
STATE MAINTAINED SYSTEM  
PRIORITY NETWORK FOR  
SNOW AND ICE REMOVAL  
WINTER 2007-2008



FE01 054 0041 012-020

EDWARD BREATHITT NORTHBOUND 41 OFF RAMP

MILE POST	LANE	LENGTH	WIDTH	SQ.YDS.
0.039	OUTSIDE	8	12	10.67
0.048	OUTSIDE	8	12	10.67
0.057	OUTSIDE	8	12	10.67
0.094	OUTSIDE	8	12	10.67
0.094	INSIDE	8	12	10.67
0.103	OUTSIDE	8	12	10.67
0.112	OUTSIDE	8	12	10.67
0.479	OUTSIDE	8	12	10.67
0.479	INSIDE	8	12	10.67
0.483	OUTSIDE	8	12	10.67
0.483	INSIDE	8	12	10.67
0.497	OUTSIDE	8	12	10.67
0.534	OUTSIDE	8	12	10.67
0.552	OUTSIDE	8	12	10.67
0.56	OUTSIDE	8	12	10.67
TOTAL FOR RAMP =				160.00

EDWARD BREATHITT SOUTHBOUND 41ON RAMP

MILE POST	LANE	LENGTH	WIDTH	SQ.YDS.
0.692	INSIDE	8	12	10.67
0.683	INSIDE	8	12	10.67
0.683	OUTSIDE	8	12	10.67
0.646	INSIDE	8	12	10.67
0.646	OUTSIDE	8	12	10.67
0.637	INSIDE	8	12	10.67
0.637	OUTSIDE	8	12	10.67
0.59	INSIDE	8	12	10.67
0.58	OUTSIDE	8	12	10.67
0.552	INSIDE	8	12	10.67
0.552	OUTSIDE	8	12	10.67
0.486	OUTSIDE	8	12	10.67
0.477	OUTSIDE	8	12	10.67
0.457	OUTSIDE	8	12	10.67
0.251	OUTSIDE	8	12	10.67
TOTAL FOR RAMP =				160.00

HWY 41 NORTHBOUND				
MILE POST	LANE	LENGTH	WIDTH	SQ.YDS.
12.444	OUTSIDE	8	12	10.67
12.444	INSIDE	8	12	10.67
12.654	OUTSIDE	8	12	10.67
12.685	OUTSIDE	8	12	10.67
12.981	OUTSIDE	8	12	10.67
12.981	INSIDE	8	12	10.67
13.156	OUTSIDE	8	12	10.67
13.156	INSIDE	8	12	10.67
13.357	INSIDE	8	12	10.67
13.36	INSIDE	8	12	10.67
13.719	OUTSIDE	8	12	10.67
13.877	OUTSIDE	8	12	10.67
14.041	OUTSIDE	8	12	10.67
14.121	INSIDE	8	12	10.67
14.158	INSIDE	8	12	10.67
14.177	INSIDE	8	12	10.67
14.195	INSIDE	8	12	10.67
14.195	OUTSIDE	8	12	10.67
14.223	OUTSIDE	8	12	10.67
14.242	OUTSIDE	8	12	10.67
14.27	OUTSIDE	8	12	10.67
14.298	OUTSIDE	8	12	10.67
14.307	OUTSIDE	8	12	10.67
14.427	OUTSIDE	8	12	10.67
14.446	OUTSIDE	8	12	10.67
14.561	INSIDE	8	12	10.67
14.652	OUTSIDE	8	12	10.67
14.661	OUTSIDE	8	12	10.67
14.679	OUTSIDE	8	12	10.67
14.763	OUTSIDE	8	12	10.67
14.745	INSIDE	8	12	10.67
14.833	INSIDE	8	12	10.67
14.98	OUTSIDE	8	12	10.67
15.087	INSIDE	8	12	10.67
15.221	INSIDE	8	12	10.67
15.235	OUTSIDE	8	12	10.67
15.282	OUTSIDE	8	12	10.67
15.37	INSIDE	8	12	10.67
19.099	INSIDE	8	12	10.67
19.099	OUTSIDE	8	12	10.67
19.13	INSIDE	8	12	10.67
19.139	OUTSIDE	8	12	10.67
19.158	INSIDE	8	12	10.67
19.158	OUTSIDE	8	12	10.67
19.185	INSIDE	8	12	10.67
19.185	OUTSIDE	8	12	10.67
19.194	INSIDE	8	12	10.67
19.194	OUTSIDE	8	12	10.67
19.203	INSIDE	8	12	10.67
19.203	OUTSIDE	8	12	10.67
19.212	INSIDE	8	12	10.67
19.221	OUTSIDE	8	12	10.67
19.23	OUTSIDE	8	12	10.67
19.23	OUTSIDE	8	12	10.67
19.238	INSIDE	8	12	10.67
19.238	OUTSIDE	8	12	10.67
19.247	INSIDE	8	12	10.67
19.247	OUTSIDE	8	12	10.67
19.256	INSIDE	8	12	10.67
19.34	OUTSIDE	8	12	10.67
19.34	OUTSIDE	8	12	10.67
TOTAL 41 NORTHBOUND=				651.00

HWY 41 SOUTHBOUND				
MILE POST	LANE	LENGTH	WIDTH	SQ.YDS.
12.645	OUTSIDE	8	12	10.67
12.672	OUTSIDE	8	12	10.67
12.681	OUTSIDE	8	12	10.67
12.745	INSIDE	8	12	10.67
13.131	INSIDE	8	12	10.67
13.131	OUTSIDE	8	12	10.67
13.215	OUTSIDE	8	12	10.67
13.651	OUTSIDE	8	12	10.67
13.669	INSIDE	8	12	10.67
13.669	OUTSIDE	8	12	10.67
13.752	OUTSIDE	8	12	10.67
14.056	OUTSIDE	8	12	10.67
14.101	OUTSIDE	8	12	10.67
14.11	OUTSIDE	8	12	10.67
14.323	INSIDE	8	12	10.67
14.443	INSIDE	14	12	18.67
14.443	OUTSIDE	8	12	10.67
14.499	OUTSIDE	8	12	10.67
14.523	INSIDE	8	12	10.67
14.57	OUTSIDE	8	12	10.67
14.599	INSIDE	8	12	10.67
14.663	OUTSIDE	8	12	10.67
14.69	INSIDE	8	12	10.67
14.721	INSIDE	8	12	10.67
14.721	OUTSIDE	8	12	10.67
14.731	OUTSIDE	8	12	10.67
14.747	OUTSIDE	8	12	10.67
14.945	OUTSIDE	8	12	10.67
15.441	INSIDE	8	12	10.67
15.441	OUTSIDE	8	12	10.67
15.478	INSIDE	8	12	10.67
15.6	INSIDE	8	12	10.67
15.619	OUTSIDE	8	12	10.67
15.629	OUTSIDE	8	12	10.67
15.629	INSIDE	8	12	10.67
15.648	OUTSIDE	8	12	10.67
15.657	OUTSIDE	8	12	10.67
15.713	INSIDE	8	12	10.67
TOTAL SOUTHBOUND HWY 41=				413.00

MILE POST	LANE	KY 70 LENGTH	WIDTH	SQ.YDS.
18.65	WESTBOUND	12	12	16
18.634	EASTBOUND	12	12	16
			TOTAL HWY 70=	32

## **PART II**

### **SPECIFICATIONS AND STANDARD DRAWINGS**

### **SPECIFICATIONS REFERENCE**

Any reference in the plans or proposal to the *Standard Specifications for Road and Bridge Construction, Edition of 2004*, and *Standard Drawings, Edition of 2000* are superseded by *Standard Specifications for Road and Bridge Construction, Edition of 2008* and *Standard Drawings, Edition of 2003*.

Special Notes [SN] and Special Provisions [SP] marked with an asterisk \* and listed under Part II of the Table of Contents within this proposal can be referenced in the *Standard Specifications for Road and Bridge Construction, Edition of 2008*. Special Notes and Special Provisions not marked with an asterisk will be attached to this proposal.

**Supplemental Specifications to The Standard Specifications  
for Road and Bridge Construction, 2008 Edition**  
(Effective with the February 22, 2008 Letting)

<b>SUBSECTION:</b>	837.03.01 Composition.		
<b>REVISION:</b>	COMPOSITION Table:		
	Replace		
	Lead Chromate	0.0 max.	4.0 min.
	with		
	Heavy Metals Content	Comply with 40 CFR 261	

**STANDARD DRAWINGS THAT APPLY**

SILT TRAP - TYPE A..... RDX-220-04  
SILT TRAP - TYPE B..... RDX-225  
CURVE WIDENING AND SUPERELEVATION TRANSITIONS..... RGS-001-06  
SUPERELEVATION FOR MULTILANE PAVEMENTS ..... RGS-002-05  
MISCELLANEOUS STANDARDS PART 1 ..... RGX-001-05  
NON-REINFORCED CONCRETE PAVEMENT FOR SHOULDERS AND MEDIANS .... RPN-001-06  
PAVEMENT TRANSITIONS AND JOINT DETAILS FOR NON-REINFORCED  
CONCRETE PAVEMENT  
AT BRIDGE ENDS ..... RPN-010-06  
NON-REINFORCED CONCRETE PAVEMENT..... RPN-015-04  
CONCRETE PAVEMENT JOINTS - TYPES AND SPACING ..... RPN-020-03  
CONCRETE PAVEMENT JOINT DETAILS ..... RPS-010-10  
EXPANSION AND CONTRACTION JOINTS - LOAD TRANSFER ASSEMBLIES ..... RPS-020-13  
CONCRETE PAVEMENT JOINTS - TYPES AND SPACING ..... RPS-030-05  
CONCRETE PAVEMENT JOINTS - TYPES AND SPACING ..... RPS-031-05  
CONCRETE PAVEMENT JOINTS - TYPES AND SPACING ..... RPS-032-05  
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CONCRETE PAVEMENT JOINTS - TYPES AND SPACING ..... RPS-038-05  
CONCRETE PAVEMENT JOINTS - TYPES AND SPACING ..... RPS-039-05  
HOT POURED ELASTIC JOINT SEALS FOR CONCRETE PAVEMENT ..... RPX-015-03  
NETTING ..... RRE-002-04  
LANE CLOSURE MULTI-LANE HIGHWAY CASE I..... TTC-115-01  
LANE CLOSURE MULTI-LANE HIGHWAY CASE II..... TTC-120-01  
SHOULDER CLOSURE ..... TTC-135-01  
POST SPLICING DETAIL ..... TTD-110-01  
WORK ZONE SPEED LIMIT AND DOUBLE FINE SIGNS ..... TTD-120  
MOBILE OPERATION FOR PAINT STRIPING CASE III..... TTS-110-01  
MOBILE OPERATION FOR PAINT STRIPING CASE IV..... TTS-115-01

## **PART III**

# **EMPLOYMENT, WAGE AND RECORD REQUIREMENTS**

## TRANSPORTATION CABINET DEPARTMENT OF HIGHWAYS

### LABOR AND WAGE REQUIREMENTS APPLICABLE TO OTHER THAN FEDERAL-AID SYSTEM PROJECTS

- I. Application
- II. Nondiscrimination of Employees (KRS 344)
- III. Payment of Predetermined Minimum Wages
- IV. Statements and Payrolls

#### I. APPLICATION

1. These contract provisions shall apply to all work performed on the contract by the contractor with his own organization and with the assistance of workmen under his immediate superintendence and to all work performed on the contract by piecework, station work or by subcontract. The contractor's organization shall be construed to include only workmen employed and paid directly by the contractor and equipment owned or rented by him, with or without operators.

2. The contractor shall insert in each of his subcontracts all of the stipulations contained in these Required Provisions and such other stipulations as may be required.

3. A breach of any of the stipulations contained in these Required Provisions may be grounds for termination of the contract.

#### II. NONDISCRIMINATION OF EMPLOYEES

AN ACT OF THE KENTUCKY  
GENERAL ASSEMBLY TO PREVENT  
DISCRIMINATION IN EMPLOYMENT  
KRS CHAPTER 344  
EFFECTIVE JUNE 16, 1972

The contract on this project, in accordance with KRS Chapter 344, provides that during the performance of this contract, the contractor agrees as follows:

1. The contractor shall not fail or refuse to hire, or shall not discharge any individual, or otherwise discriminate against an individual with respect to his compensation, terms, conditions, or privileges of employment, because of such individual's race, color, religion, national origin, sex, disability or age (between forty and seventy); or limit, segregate, or classify his employees in any way which would deprive or tend to deprive an individual of employment opportunities or otherwise adversely affect his status as an employee, because of such individual's race, color, religion, national origin, sex, disability or age (between forty and seventy). The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

2. The contractor shall not print or publish or cause to be printed or published a notice or advertisement relating to employment by such an employer or membership in or any classification or referral for employment by the employment agency, indicating any preference, limitation, specification, or discrimination, based on race, color, religion, national origin, sex, disability or age (between forty and seventy), except that such notice or advertisement may indicate a preference, limitation, or specification based on religion, or national origin when religion, or national origin is a bona fide occupational qualification for employment.

3. If the contractor is in control of apprenticeship or other training or retraining, including on-the-job training programs, he shall not discriminate against an individual

because of his race, color, religion, national origin, sex, disability or age (between forty and seventy), in admission to, or employment in any program established to provide apprenticeship or other training.

4. The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representative of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for non-compliance.

#### III. PAYMENT OF PREDETERMINED MINIMUM WAGES

1. These special provisions are supplemented elsewhere in the contract by special provisions which set forth certain predetermined minimum wage rates. The contractor shall pay not less than those rates.

2. The minimum wage determination schedule shall be posted by the contractor, in a manner prescribed by the Department of Highways, at the site of the work in prominent places where it can be easily seen by the workers.

#### IV. STATEMENTS AND PAYROLLS

1. All contractors and subcontractors affected by the terms of KRS 337.505 to 337.550 shall keep full and accurate payroll records covering all disbursements of wages to their employees to whom they are required to pay not less than the prevailing rate of wages. Payrolls and basic records relating thereto will be maintained during the course of the work and preserved for a period of one (1) year from the date of completion of this contract.

2. The payroll records shall contain the name, address and social security number of each employee, his correct classification, rate of pay, daily and weekly number of hours worked, itemized deductions made and actual wages paid.

3. The contractor shall make his daily records available at the project site for inspection by the State Department of Highways contracting office or his authorized representative.

Periodic investigations shall be conducted as required to assure compliance with the labor provisions of the contract. Interrogation of employees and officials of the contractor shall be permitted during working hours.

Aggrieved workers, Highway Managers, Assistant District Engineers, Resident Engineers and Project Engineers shall report all complaints and violations to the Division of Contract Procurement.

The contractor shall be notified in writing of apparent violations. The contractor may correct the reported violations and notify the Department of Highways of the action taken or may request an informal hearing. The request for hearing shall be in writing within ten (10) days after receipt of the notice of the reported violation. The contractor may submit

records and information which will aid in determining the true facts relating to the reported violations.

Any person or organization aggrieved by the action taken or the findings established as a result of an informal hearing by the Division of Contract Procurement may request a formal hearing.

4. The wages of labor shall be paid in legal tender of the United States, except that this condition will be considered satisfied if payment is made by a negotiable check, on a solvent bank, which may be cashed readily by the employee in the local community for the full amount, without discount or collection charges of any kind. Where checks are used for payments, the contractor shall make all necessary arrangements for them to be cashed and shall give information regarding such arrangements.

5. No fee of any kind shall be asked or accepted by the contractor or any of his agents from any person as a condition of employment on the project.

6. No laborers shall be charged for any tools used in performing their respective duties except for reasonably avoidable loss or damage thereto.

7. Every employee on the work covered by this contract shall be permitted to lodge, board, and trade where and with whom he elects and neither the contractor nor his agents, nor his employees shall directly or indirectly require as a condition of employment that an employee shall lodge, board or trade at a particular place or with a particular person.

8. Every employee on the project covered by this contract shall be an employee of either the prime contractor or an approved subcontractor.

9. No charge shall be made for any transportation furnished by the contractor or his agents to any person employed on the work.

10. No individual shall be employed as a laborer or mechanic on this contract except on a wage basis, but this shall not be construed to prohibit the rental of teams, trucks or other equipment from individuals.

No Covered employee may be employed on the work except in accordance with the classification set forth in the schedule mentioned above; provided, however, that in the event additional classifications are required, application shall be made by the contractor to the Department of Highways and (1) the Department shall request appropriate classifications and rates from the proper agency, or (2) if there is urgent need for additional classification to avoid undue delay in the work, the contractor may employ such workmen at rates deemed comparable to rates established for similar classifications provided he has made written application through the Department of Highways, addressed to the proper agency, for the supplemental rates. The contractor shall retroactively adjust, upon receipt of the supplemental rates schedule, the wages of any employee paid less than the established rate and may adjust the wages of any employee overpaid.

11. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any laborer or mechanic in any work-week in which he is employed on such work, to work in excess of eight hours in any calendar day or in excess of forty hours in such work-week unless such laborer or mechanic receives compensation at a rate not less than one and one half times his basic rate of pay for all hours worked in excess of eight hours in any calendar day or in excess of forty hours in such work-week. A laborer, workman or mechanic and an employer may enter into a written agreement or a collective bargaining agreement to work more than eight (8) hours a calendar day but not more than ten (10) hours a calendar day for the straight time hourly rate. This agreement shall be in writing and shall be executed prior to the employee working in excess of eight (8) hours, but not more than ten (10) hours, in any one (1) calendar day.

12. Payments to the contractor may be suspended or withheld due to failure of the contractor to pay any laborer or

mechanic employed or working on the site of the work, all or part of the wages required under the terms of the contract. The Department may suspend or withhold payments only after the contractor has been given written notice of the alleged violation and the contractor has failed to comply with the wage determination of the Department of Highways.

13. Contractors and subcontractors shall comply with the sections of Kentucky Revised Statutes, Chapter 337 relating to contracts for Public Works.

Revised 2-16-95

## EXECUTIVE BRANCH CODE OF ETHICS

In the 1992 regular legislative session, the General Assembly passed and Governor Brereton Jones signed Senate Bill 63 (codified as KRS 11A), the Executive Branch Code of Ethics, which states, in part:

KRS 11A.040 (6) provides:

No present or former public servant shall, within six (6) months of following termination of his office or employment, accept employment, compensation or other economic benefit from any person or business that contracts or does business with the state in matters in which he was directly involved during his tenure. This provision shall not prohibit an individual from returning to the same business, firm, occupation, or profession in which he was involved prior to taking office or beginning his term of employment, provided that, for a period of six (6) months, he personally refrains from working on any matter in which he was directly involved in state government. This subsection shall not prohibit the performance of ministerial functions, including, but not limited to, filing tax returns, filing applications for permits or licenses, or filing incorporation papers.

KRS 11A.040 (8) states:

A former public servant shall not represent a person in a matter before a state agency in which the former public servant was directly involved, for a period of one (1) year after the latter of:

- a) The date of leaving office or termination of employment; or
- b) The date the term of office expires to which the public servant was elected.

This law is intended to promote public confidence in the integrity of state government and to declare as public policy the idea that state employees should view their work as a public trust and not as a way to obtain private benefits.

If you have worked for the executive branch of state government within the past six months, you may be subject to the law's prohibitions. The law's applicability may be different if you hold elected office or are contemplating representation of another before a state agency.

Also, if you are affiliated with a firm which does business with the state and which employs former state executive-branch employees, you should be aware that the law may apply to them.

In case of doubt, the law permits you to request an advisory opinion from the Executive Branch Ethics Commission, Room 136, Capitol Building, 700 Capitol Avenue, Frankfort, Kentucky 40601; telephone (502) 564-7954.

### **Kentucky Equal Employment Opportunity Act of 1978**

The requirements of the Kentucky Equal Employment Opportunity Act of 1978 (KRS 45.560-45.640) shall apply to this Contract. The apparent low Bidder will be required to submit EEO forms to the Division of Construction Procurement, which will then forward to the Finance and Administration Cabinet for review and approval. No award will become effective until all forms are submitted and EEO/CC has certified compliance. The required EEO forms are as follows:

- EEO-1: Employer Information Report
- Affidavit of Intent to Comply
- Employee Data Sheet
- Subcontractor Report

These forms are available on the Finance and Administration's web page under ***Vendor Information, Standard Attachments and General Terms*** at the following address:  
**<https://www.eProcurement.ky.gov>**.

Bidders currently certified as being in compliance by the Finance and Administration Cabinet may submit a copy of their approval letter in lieu of the referenced EEO forms.

For questions or assistance please contact the Finance and Administration Cabinet by email at **[finance.contractcompliance@ky.gov](mailto:finance.contractcompliance@ky.gov)** or by phone at 502-564-2874.

**TRANSPORTATION CABINET  
DIVISION OF CONSTRUCTION PROCUREMENT  
COMPLIANCE SECTION  
PROJECT WAGE RATES**

<b>HIGHWAY BASIC HOURLY RATES</b>	<b>FRINGE BENEFIT PAYMENTS COMBINED</b>
<b><u>CRAFTS:</u></b>	
Ballard, Butler, Caldwell, Carlisle, Crittenden, Daviess, Edmonson, Fulton, Graves, Hancock, Henderson, Hickman, Hopkins, Livingston, Lyon, Marshall, McCracken, McLean, Muhlenberg, Ohio, Union & Webster Counties:	
Bricklayers .....	25.90.....10.70
Allen, Calloway, Christian, Logan, Simpson, Todd, Trigg & Warren Counties:	
Bricklayers .....	25.10.....1.60
All Counties:	
Carpenters .....	24.05.....9.77
Divers .....	36.45.....9.77
Piledrivermen .....	24.30.....9.77
Butler, Edmonson, Logan, Todd & Warren Counties:	
Electricians.....	25.91.....23.5% + 4.55
Allen & Simpson Counties:	
Electricians.....	15.85.....4.115
Ballard, Caldwell, Calloway, Carlisle, Christian, Crittenden, Fulton (Except a 5 mile radius of City Hall in Fulton), Graves, Hickman, Livingston, Lyon, Marshall, McCracken & Trigg Counties:	
Electricians:	
Electricians.....	27.18.....24.5% + 5.15
Cable Splicers receive \$ .25 per hour additional.	
Daviess, Hancock, Henderson, Hopkins, McLean, Muhlenberg, Ohio, Union & Webster Counties:	
Electricians:	
Electricians: .....	25.82.....27.85% + 5.24
Heilarc Welding & Cable Splicing .....	26.07.....27.85% + 5.24
Fulton County (Up to a 5 mile radius of City Hall in Fulton):	
Electricians.....	18.50.....9.99
Cable Splicers .....	19.00.....9.99
<u>Butler County</u> (Eastern eighth, including the Townships of Decker, Lee & Tilford);	
<u>Edmonson County</u> (Northern three-fourths, including the Townships of Asphalt, Bee Spring, Brownsville, Grassland, Huff, Kyrock, Lindseyville, Mammoth Cave, Ollie, Prosperity, Rhoda, Sunfish & Sweden):	
Ironworkers:	
Structural; Ornamental; Reinforcing;	
Precast Concrete Erectors .....	23.49.....15.99

**TRANSPORTATION CABINET  
DIVISION OF CONSTRUCTION PROCUREMENT  
COMPLIANCE SECTION  
PROJECT WAGE RATES**

<b>HIGHWAY BASIC HOURLY RATES</b>	<b>FRINGE BENEFIT PAYMENTS COMBINED</b>
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**CRAFTS:** (continued)

Butler County (Townships of Aberdeen, Bancock, Casey, Dexterville, Dunbar, Elfie, Gilstrap, Huntsville, Logansport, Monford, Morgantown, Provo, Rochester, and South Hill & Welchs Creek); Caldwell County (Northeastern third, including the Township of Creswell); Christian County (Northern third, including Townships of Apex, Crofton, Kelly, Mannington and Wynns); Crittenden County (Northeastern half, including the Townships of Grove, Mattoon, Repton, Shady Grove and Tribune); Muhlenberg County (Townships of Bavier, Beech Creek Junction, Benton, Brennen, Browder, Central City, Cleaton, Depoy, Drakesboro, Eunis, Graham, Hillside, Luzerne, Lynn City, Martwick, McNary, Moorman, Millport, Nelson, Paradise, Powderly, South Carrollton, Tarina and Weir);

Daviess, Hancock, Henderson, Hopkins, McLean, Ohio, Union and Webster Counties:  
Ironworkers .....23.50.....12.475

Butler County (Southern third, including the Townships of Boston, Berrys Lick, Dimple, Jetson, Quality, Sharer, Sugar Grove and Woodbury);

Christian County (Eastern two-thirds, including the Townships of Bennettstown, Casky, Herndon, Hopkinsville, Howell, Masonville, Pembroke and Thompsonville);

Edmonson County (Southern fourth, including the Townships of Chalybeate & Rocky Hill);

Muhlenberg County (Southern eighth, including the Townships of Dunnior, Penrod & Rosewood);  
Allen, Logan, Simpson, Todd and Warren Counties:

Ironworkers .....20.60.....9.40

Caldwell County (Southwestern two-thirds, including the Townships of Cedar Bluff, Cider, Claxton, Cobb, Crowtown, Dulaney, Farmersville, Fredonia, McGowan, Otter Pond and Princeton);

Christian County (Western third, excluding the Townships of Apex, Crofton, Kelly, Mannington, Wynns, Bennettstown, Casky, Herndon, Hopkinsville, Howell, Masonville, Pembroke and Thompsonville);

Crittenden County (Southwestern half, including the Townships of Crayne, Dycusburg, Frances, Marion, Mexico, Midway, Sheridan and Told);

Ballard, Calloway, Carlisle, Fulton, Graves, Hickman, Livingston, Lyon, Marshall, McCracken and Trigg Counties:

Ironworkers  
Projects with a total contract cost of \$20,000,000.00 or above  
.....23.50.....13.55

All other work .....22.20.....12.49

Allen, Butler, Edmonson, Logan, Simpson & Warren Counties:

Millwrights .....23.65.....14.22

**TRANSPORTATION CABINET  
DIVISION OF CONSTRUCTION PROCUREMENT  
COMPLIANCE SECTION  
PROJECT WAGE RATES**

<b>HIGHWAY BASIC HOURLY RATES</b>	<b>FRINGE BENEFIT PAYMENTS COMBINED</b>
<b><u>CRAFTS:</u></b> (continued)	
Ballard, Caldwell, Calloway, Carlisle, Christian, Crittenden, Fulton, Graves, Hickman, Hopkins, Livingston, Lyon, Marshall, McCracken, Todd & Trigg Counties:	
Millwrights: .....	22.50.....13.34
Daviness, Hancock, Henderson, McLean, Muhlenberg, Ohio, Union & Webster Counties:	
Millwrights: .....	22.43.....13.31
Ballard County:	
Painters:	
Bridges and Dams .....	28.11.....10.68
All Other Work .....	23.81.....10.68
Spray, Blast, Steam, High and Hazardous (Including Lead Abatement) and All Epoxy – 1.00 Premium.	
Edmonson County:	
Painters:	
Brush & Roller .....	17.87.....9.07
Spray, Sandblast, Power Tools, Waterblast & Steam Cleaning.....	
Waterblast & Steam Cleaning.....	18.62.....9.07
Daviness, Hancock, Henderson, McLean, Ohio, Union & Webster Counties:	
Painters:	
Bridges, Locks & Dams:	
GROUP 1 .....	25.10.....9.40
GROUP 2 .....	25.35.....9.40
GROUP 3 .....	26.10.....9.40
GROUP 4 .....	27.10.....9.40
All Other Work:	
GROUP 1 .....	23.95.....9.40
GROUP 2 .....	24.20.....9.40
GROUP 3 .....	24.95.....9.40
GROUP 4 .....	25.95.....9.40
<b>PAINTER CLASSIFICATIONS</b>	
GROUP 1 – Brush & Roller	
GROUP 2 – Plasterers	
GROUP 3 – Spray; Sandblast; Power Tools; Waterblast; Steamcleaning; Brush & Roller of Mastics, Creosotes, Kwinch Koate & Coal Tar Epoxy	
GROUP 4 – Spray of Mastics, Creosotes, Kwinch Koate & Coal Tar Epoxy	

**TRANSPORTATION CABINET  
DIVISION OF CONSTRUCTION PROCUREMENT  
COMPLIANCE SECTION  
PROJECT WAGE RATES**

<b>HIGHWAY BASIC HOURLY RATES</b>	<b>FRINGE BENEFIT PAYMENTS COMBINED</b>
Allen, Butler, Logan, Muhlenberg, Simpson, Todd & Warren Counties:	
Painters:	
Bridges, Locks & Dams	
Brush & Roller .....	21.03 .....
Bridges, Locks & Dams	7.40
Spray; Sandblast; Power Tools; Waterblast & Steam	
Cleaning .....	22.03 .....
All Other Work	7.40
Brush & Roller .....	17.03 .....
All Other Work	7.40
Spray; Sandblast; Power Tools; Waterblast & Steam	
Cleaning .....	18.03 .....
All Other Work – High Time Pay	
Over 35 feet (up to 100 feet) - \$1.00 above base wage	
100 feet and over - \$2.00 above base wage	
During spray painting and sandblasting operations, pot tenders shall receive the same wage rates as the spray painter or nozzle operator	
Caldwell, Calloway, Carlisle, Christian, Crittenden, Fulton, Graves, Hickman, Hopkins, Livingston, Lyon, Marshall, McCracken & Trigg Counties:	
Painters:	
Bridges and Dams .....	24.25 .....
All Other Work .....	18.00 .....
Waterblasting units with 3500 PSI and above - \$.50 premium	
Spraypainting and all abrasive blasting - \$1.00 premium	
Work 40 ft. and above ground level - \$1.00 premium	
Allen, Butler, Edmonson, Simpson, Warren Counties:	
Plumber/Steamfitter .....	29.00 .....
Ballard, Caldwell, Calloway, Carlisle, Christian, Crittenden, Fulton, Graves, Hickman, Livingston, Lyon, Marshall, McCracken & Trigg Counties:	
Plumbers & Steamfitters .....	27.58 .....
Daviess, Hancock, Henderson, Hopkins, Logan, McLean, Muhlenberg, Ohio, Todd, Union & Webster Counties:	
Plumbers & Pipefitters .....	25.67 .....
Welders - Receive rate for craft in which welding is incidental.	

**TRANSPORTATION CABINET  
DIVISION OF CONSTRUCTION PROCUREMENT  
COMPLIANCE SECTION  
PROJECT WAGE RATES**

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**LABORERS:**

Ballard, Calloway, Carlisle, Fulton, Graves, Hickman, Livingston, Lyon, Marshall and McCracken Counties:

GROUP 1 - Aging & curing of concrete, asbestos abatement worker, asphalt plant, asphalt, batch truck dump, carpenter tender, cement mason tender, cleaning of machines, concrete, demolition, dredging, environmental -nuclear radiation, toxic & hazardous waste - Level D, flagperson, grade checker, hand digging & hand back filling, highway marker placer, landscaping, mesh handler & placer, puddler, railroad, rip-rap & grouter, right-of-way, sign, guard rail & fence installer, signal person, sound barrier installer, storm & sanitary sewer, swamper, truck spotter & dumper & wrecking of concrete forms, general cleanup.

**BASE RATE** .....18.93  
**FRINGE BENEFITS** .....9.58

GROUP 2 - Batter board man (sanitary & storm sewer), brickmason tender, mortar mixer operator, scaffold builder, burner & welder, bushhammer, chain saw operator, concrete saw operator, deckhand scow man, dry cement handler, environmental - nuclear, radiation, toxic & hazardous waste - Level C, forklift operator for masonry, form setter, green concrete cutting, hand operated grouter & grinder machine operator, jackhammer, pavement breaker, paving joint machine, pipelayer, plastic pipe fusion, power driven georgia buggy & wheel barrow, power post hole digger, precast manhole setter, walk-behind tamper, walk-behind trencher, sand blaster, concrete chipper, surface grinder, vibrator operator and wagon driller.

**BASE RATE** .....19.18  
**FRINGE BENEFITS** .....9.58

GROUP 3 - Asphalt luteman & raker, gunnite nozzleman, gunnite operator & mixer, grout pump operator, blaster, side rail setter, rail paved ditches, screw operator, tunnel (free air), and water blaster .

**BASE RATE** .....19.23  
**FRINGE BENEFITS** .....9.58

GROUP 4 - Caisson worker (free air), cement finisher, environmental - nuclear, radiation, toxic & hazardous waste - levels A & B, miner & driller (free air), tunnel blaster and tunnel mucker (free air), directional & horizontal boring, air track drillers (all types), powderman & blasters, troxler & concrete tester if laborer is utilized.

**BASE RATE** .....19.83  
**FRINGE BENEFITS** .....9.58

**TRANSPORTATION CABINET  
DIVISION OF CONSTRUCTION PROCUREMENT  
COMPLIANCE SECTION  
PROJECT WAGE RATES**

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**LABORERS:**

Allen, Butler, Caldwell, Christian, Daviess, Edmonson, Hancock, Hopkins, Logan, McLean, Muhlenberg, Ohio Simpson, Todd, Trigg and Warren Counties;

GROUP 1 - Aging & curing of concrete, asbestos abatement worker, asphalt plant, asphalt, batch truck dump, carpenter tender, cement mason tender, cleaning of machines, concrete, demolition, dredging, environmental -nuclear radiation, toxic & hazardous waste - Level D, flagperson, grade checker, hand digging & hand back filling, highway marker placer, landscaping, mesh handler & placer, puddler, railroad, rip-rap & grouter, right-of-way, sign, guard rail & fence installer, signal person, sound barrier installer, storm & sanitary sewer, swamper, truck spotter & dumper & wrecking of concrete forms, general cleanup.

**BASE RATE** .....19.88  
**FRINGE BENEFITS** .....8.63

GROUP 2 - Batter board man (sanitary & storm sewer), brickmason tender, mortar mixer operator, scaffold builder, burner & welder, bushhammer, chain saw operator, concrete saw operator, deckhand scow man, dry cement handler, environmental - nuclear, radiation, toxic & hazardous waste - Level C, forklift operator for masonry, form setter, green concrete cutting, hand operated grouter & grinder machine operator, jackhammer, pavement breaker, paving joint machine, pipelayer, plastic pipe fusion, power driven georgia buggy & wheel barrow, power post hole digger, precast manhole setter, walk-behind tamper, walk-behind trencher, sand blaster, concrete chipper, surface grinder, vibrator operator and wagon driller.

**BASE RATE** .....20.13  
**FRINGE BENEFITS** .....8.63

GROUP 3 - Asphalt luteman & raker, gunnite nozzleman, gunnite operator & mixer, grout pump operator, blaster, side rail setter, rail paved ditches, screw operator, tunnel (free air), and water blaster .

**BASE RATE** .....20.18  
**FRINGE BENEFITS** .....8.63

GROUP 4 - Caisson worker (free air), cement finisher, environmental - nuclear, radiation, toxic & hazardous waste - levels A & B, miner & driller (free air), tunnel blaster and tunnel mucker (free air), directional & horizontal boring, air track drillers (all types), powderman & blasters, troxler & concrete tester if laborer is utilized.

**BASE RATE** .....20.78  
**FRINGE BENEFITS** .....8.63

**TRANSPORTATION CABINET  
DIVISION OF CONSTRUCTION PROCUREMENT  
COMPLIANCE SECTION  
PROJECT WAGE RATES**

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**LABORERS:**

Crittenden, Henderson, Union and Webster Counties:

GROUP 1 - Aging & curing of concrete, asbestos abatement worker, asphalt plant, asphalt, batch truck dump, carpenter tender, cement mason tender, cleaning of machines, concrete, demolition, dredging, environmental -nuclear radiation, toxic & hazardous waste - Level D, flagperson, grade checker, hand digging & hand back filling, highway marker placer, landscaping, mesh handler & placer, puddler, railroad, rip-rap & grouter, right-of-way, sign, guard rail & fence installer, signal person, sound barrier installer, storm & sanitary sewer, swamper, truck spotter & dumper & wrecking of concrete forms, general cleanup.

**BASE RATE** .....19.61  
**FRINGE BENEFITS** .....8.90

GROUP 2 - Batter board man (sanitary & storm sewer), brickmason tender, mortar mixer operator, scaffold builder, burner & welder, bushhammer, chain saw operator, concrete saw operator, deckhand scow man, dry cement handler, environmental - nuclear, radiation, toxic & hazardous waste - Level C, forklift operator for masonry, form setter, green concrete cutting, hand operated grouter & grinder machine operator, jackhammer, pavement breaker, paving joint machine, pipelayer, plastic pipe fusion, power driven georgia buggy & wheel barrow, power post hole digger, precast manhole setter, walk-behind tamper, walk-behind trencher, sand blaster, concrete chipper, surface grinder, vibrator operator and wagon driller.

**BASE RATE** .....19.86  
**FRINGE BENEFITS** .....8.90

GROUP 3 - Asphalt luteman & raker, gunnite nozzleman, gunnite operator & mixer, grout pump operator, blaster, side rail setter, rail paved ditches, screw operator, tunnel (free air), and water blaster .

**BASE RATE** .....19.91  
**FRINGE BENEFITS** .....8.90

GROUP 4 - Caisson worker (free air), cement finisher, environmental - nuclear, radiation, toxic & hazardous waste - levels A & B, miner & driller (free air), tunnel blaster and tunnel mucker (free air), directional & horizontal boring, air track drillers (all types), powderman & blasters, troxler & concrete tester if laborer is utilized.

**BASE RATE** .....20.51  
**FRINGE BENEFITS** .....8.90

**TRANSPORTATION CABINET  
DIVISION OF CONSTRUCTION PROCUREMENT  
COMPLIANCE SECTION  
PROJECT WAGE RATES**

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**TEAMSTERS:**

Truck Drivers:

Allen, Butler, Edmonson, Logan, Simpson & Warren Counties:

Greaser, tire changer.

**BASE RATE** .....17.54  
**FRINGE BENEFITS** .....10.84

Truck Mechanic.

**BASE RATE** .....17.87  
**FRINGE BENEFITS** .....10.84

Single Axle Dump, Flat Bed, all Terrain vehicles when used to haul materials, Semi Trailer or Pole Trailer when used to pull building materials and equipment, Tandem Axle Dump, Driver of Distributors, Mixer all types.

**BASE RATE** .....17.94  
**FRINGE BENEFITS** .....10.84

Winch and A-frame when used in transporting materials, Ross Carrier, Fork Lift when used to transport building materials, Driver on Pavement Breaker.

**BASE RATE** .....17.95  
**FRINGE BENEFITS** .....10.84

Euclid and other Heavy Earth Moving Equipment, Low Boy, Articulator Cat, Five Axle Vehicle.

**BASE RATE** .....18.00  
**FRINGE BENEFITS** .....10.84

Ballard, Calloway, Caldwell, Carlisle, Christian, Crittenden, Fulton, Graves, Hickman, Livingston, Lyon, Marshall, McCracken, Todd & Trigg Counties:  
Greaser, Tire Changer.

**BASE RATE** .....23.89  
**FRINGE BENEFITS** .....4.15

Truck Mechanic.

**BASE RATE** .....24.12  
**FRINGE BENEFITS** .....4.15

**TRANSPORTATION CABINET  
DIVISION OF CONSTRUCTION PROCUREMENT  
COMPLIANCE SECTION  
PROJECT WAGE RATES**

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**TEAMSTERS:** (continue)

Single Axle Dump, Flat Bed, all Terrain vehicles when used to haul materials, Semi Trailer or Pole Trailer when used to pull building materials and equipment, Tandem Axle Dump, Driver of Distributor, Mixer all types.

**BASE RATE** .....24.19  
**FRINGE BENEFITS** .....4.15

Euclid, other Heavy Earth Moving Equipment, Low Boy, Articulator Cat, Five Axle Vehicle, Winch & A-Frame when used in transporting materials, Ross Carrier.

**BASE RATE** .....24.20  
**FRINGE BENEFITS** .....4.15

Daviess, Hancock, Henderson, Hopkins, McLean, Muhlenberg, Ohio, Union & Webster Counties: Greaser, Tire Changer.

**BASE RATE** .....19.23  
**FRINGE BENEFITS** .....9.20

Truck Mechanic.

**BASE RATE** .....19.46  
**FRINGE BENEFITS** .....9.20

Single Axle Dump, Flat Bed, all Terrain Vehicle when used to haul materials, Semi Trailer or Pole Trailer when used to pull building materials and equipment, Tandem Axle Dump, Driver of Distributors, Mixer all types.

**BASE RATE** .....19.53  
**FRINGE BENEFITS** .....9.20

Euclid and other Heavy Earth Moving Equipment, Low Boy, Articulator Cat, Five Axle Vehicle, Winch & A-Frame when used in transporting materials, Ross Carrier, Fork Lift when used to transport building materials, Driver on Pavement Breaker.

**BASE RATE** .....19.54  
**FRINGE BENEFITS** .....9.20

**TRANSPORTATION CABINET  
DIVISION OF CONSTRUCTION PROCUREMENT  
COMPLIANCE SECTION  
PROJECT WAGE RATES**

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**OPERATING ENGINEERS:**

A-frame Winch Truck, Auto Patrol, Backfiller, Batcher Plant, Bituminous Paver, Bituminous Transfer Machine, Boom Cat, Bulldozer, Mechanic, Cableway, Carry-All Scoop, Carry Deck Crane, Central Compressor Plant, Clamshell, Concrete Mixer (21 cu. ft. or over), Concrete Paver, Truck Mounted Concrete Pump, Core Drill, Crane, Crusher Plant, Derrick, Derrick Boat, Ditching and Trenching Machine, Dragline, Dredge Operator, Dredge Engineer, Elevating Grader and Loaders, Grade-All, Gurries, Heavy Equipment Robotics Operator/Mechanic, High Lift, Hoe-Type Machine, Hoist (two or more drums), Hoisting Engine (two or more drums), Horizontal Directional Drill Operator, Hydrocrane, Hyster, KeCal Loader, LeTourneau, Locomotive, Mechanic; Mechanically Operated Laser Screed, Mechanic Welder, Mucking Machine, Motor scraper, Orangepeel Bucket, Piledriver, Power Blade, Pumpcrete, Push Dozer, Rock Spreader attached to equipment, Rotary Drill, Roller (bituminous), Scarifier, Scoopmobile, Shovel, Side Boom, Subgrader, Tailboom, Telescoping type Forklift, Tow or Push boat, Tower Crane (French, German and other types), Tractor Shovel, Truck Crane, Tunnel Mining Machines, including Moles, Shields or similar types of Tunnel Mining Equipment.

**BASE RATE** .....23.60  
**FRINGE BENEFITS** .....12.40

Air Compressor (over 900 cu. ft. per min.), Bituminous Mixer, Boom Type Tamping Machine, Bull Float, Concrete Mixer (under 21 cu. ft.), Dredge Engineer, Electric Vibrator, Compactor/Self-Propelled Compactor, Elevator (one drum or buck hoist), Elevator (when used to hoist building material), Finish Machine, Firemen & Hoist (one drum), Flexplane, Forklift (regardless of lift height), Form Grader, Joint Sealing Machine, Outboard Motor Boat, Power Sweeper (riding type), Roller (rock), Ross Carrier, Skid Mounted or Trailer Mounted Concrete Pump, Skid Steer Machine with all attachments, Switchman or Brakeman, Throttle Valve Person, Tractair and Road Widening Trencher, Tractor (50 H.P. or over), Truck Crane Oiler, Tugger, Welding Machine, Well Points, and Whirley Oiler.

**BASE RATE** .....21.18  
**FRINGE BENEFITS** .....12.40

All off road material handling equipment, including Articulating Dump Trucks, Greaser on grease facilities servicing heavy equipment.

**BASE RATE** .....21.56  
**FRINGE BENEFITS** .....12.40

**TRANSPORTATION CABINET  
DIVISION OF CONSTRUCTION PROCUREMENT  
COMPLIANCE SECTION  
PROJECT WAGE RATES**

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**OPERATING ENGINEERS:** (continued)

Bituminous Distributor, Burlap and Curing Machine, Cement Gun, Concrete Saw, Conveyor, Deckhand Oiler, Grout Pump, Hydraulic Post Driver, Hydro Seeder, Mud Jack, Oiler, Paving Joint Machine, Power Form handling equipment, Pump, Roller (earth), Steerman, Tamping Machine, Tractor (under 50 H.P.) and Vibrator.

<b>BASE RATE</b> .....	20.92
<b>FRINGE BENEFITS</b> .....	12.40

Cranes - with booms 150 ft. and over (including jib), and where the length of the Boom in combination with the length of the piling equals or exceeds 150 ft. - \$1.00 above Group 1 rate.

Employees assigned to work below ground level are to be paid 10% above basic wage rate. This does not apply to open cut work.

Fringe benefit amounts are applicable for all hours worked except when otherwise noted.

These rates are listed pursuant to the Kentucky Determination No. CR-06-I HWY dated July 10, 2007 and/or Federal Decision No. KY20080025 dated February 8, 2008, modification #0 dated February 8, 2008.

**TRANSPORTATION CABINET  
DIVISION OF CONSTRUCTION PROCUREMENT  
COMPLIANCE SECTION  
PROJECT WAGE RATES**

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No laborer, workman or mechanic shall be paid at a rate less than that of a Journeyman except those classified as bona fide apprentices.

Apprentices or trainees shall be permitted to work as such subject to Administrative Regulations adopted by the Commissioner of Workplace Standards. Copies of these regulations will be furnished upon request from any interested person.

Before using apprentices on the job the contractor shall present to the Contracting Officer written evidence of registration of such employees in a program of a State apprenticeship and training agency approved and recognized by the U. S. Bureau of Apprenticeship and Training. In the absence of such a State agency, the contractor shall submit evidence of approval and registration by the U. S. Bureau of Apprenticeship and Training.

The contractor shall submit to the Contracting Officer, written evidence of the established apprenticeship-journeyman ratios and wage rates in the project area, which will be the basis for establishing such ratios and rates for the project under the applicable contract provisions.

**TO: EMPLOYERS/EMPLOYEES**

**PREVAILING WAGE SCHEDULE:**

**The wages indicated on this wage schedule are the least permitted to be paid for the occupations indicated. When an employee works in more than one classification, the employer must record the number of hours worked in each classification at the prescribed hourly base rate.**

**OVERTIME:**

**Overtime is to be paid after an employee works eight (8) hours a day or forty (40) hours a week, whichever gives the employee the greater wages. At least time and one-half the base rate is required for all overtime. A laborer, workman or mechanic and an employer may enter into a written agreement or a collective bargaining agreement to work more than eight (8) hours a calendar day but not more than ten (10) hours a calendar day for the straight time hourly rate.**

**Wage violations or questions should be directed to the designated Engineer or the undersigned.**

Steve Waddle, Director  
Division of Construction Procurement  
Frankfort, Kentucky 40622

**PART IV**  
**INSURANCE**

## INSURANCE

The Contractor shall carry the following insurance in addition to the insurance required by law:

1. Contractor's Public Liability Insurance not less than \$100,000.00 for damages arising out of bodily injuries to or death to one person. Not less than \$300,000.00 for damages arising out of bodily injuries to or death to two or more persons.
2. Contractor's Property Damages Liability Insurance. Not less than \$100,000.00 for all damages arising out of injury or destruction of property in any one accident. Not less than \$300,000.00 for all damages during the policy period.
3. Contractor's Protective Public Liability and Property Damage Insurance. The contractor shall furnish evidence with respect to operations performed for him by subcontractors that he carries in his own behalf for the above stipulated amounts.
4. The insurance required above must be evidenced by a Certificate of Insurance and this Certificate of Insurance must contain one of the following statements:
  - a. "policy contains no deductible clauses."
  - b. "policy contains \_\_\_\_\_ (amount) deductible property damage clause but company will pay claim and collect the deductible from the insured."
5. WORKMEN'S COMPENSATION INSURANCE. The contractor shall furnish evidence of coverage of all his employees or give evidence of self-insurance by submitting a copy of a certificate issued by the Workmen's Compensation Board.

## **PART V**

### **STATEMENT OF INCOMPLETE WORK**

STATEMENT OF INCOMPLETED WORK

All active prime contracts must be reported. This includes prime contracts with public and private owners and joint-ventured contracts. The names of the joint venturers must be shown when reporting these projects. A machine or typed listing reporting the status of each contract is acceptable when attached to this report; however, the total amounts on the itemized listing must be reported in the space provided below:

CONTRACT WITH	PROJECT IDENTIFICATION	PRIME CONTRACT AMOUNT	EARNINGS THROUGH LAST APPROVED ESTIMATE	TOTAL AMOUNT OF WORK REMAINING
TOTAL (Attach Summary if not itemized above)		\$	\$	\$

**PART VI**

**BID ITEMS**

**TRANSPORTATION CABINET**

Department of Highways

FRANKFORT, KY 40622

Sheet No: 1

**Contract ID: 08-2135**

HOPKINS COUNTY

FE01 054 0041 012-020

Letting: 3/21/08

THE BIDDER MUST MAKE THE EXTENSIONS AND ADDITIONS  
SHOWING TOTAL AMOUNT BID USING FIGURES ONLY

Item No.	Code No.	Item	Approximate Quantity	Unit	Unit Price Dollars	Amount Dollars
		ROADWAY			.	.
0010	00001	DGA BASE	300.00	TON	.	.
0020	00078	CRUSHED AGGREGATE SIZE NO 2	300.00	TON	.	.
0030	00221	CL2 ASPH BASE 0.75D PG64-22	200.00	TON	.	.
0040	00301	CL2 ASPH SURF 0.38D PG64-22	100.00	TON	.	.
0050	02014	BARRICADE-TYPE III	30.00	EACH	.	.
0060	02023	JPC PAVEMENT-9 IN/24	1,416.00	SQYD	.	.
0070	02058	REMOVE PCC PAVEMENT	1,416.00	SQYD	.	.
0080	02110	PARTIAL DEPTH PATCHING	100.00	CUFT	.	.
0090	02200	ROADWAY EXCAVATION	150.00	CUYD	.	.
0100	02562	SIGNS	720.00	SQFT	.	.
0110	02598	FABRIC-GEOTEXTILE TYPE III	300.00	SQYD	.	.
0120	02650	MAINTAIN & CONTROL TRAFFIC	1.00	LS	.	.
		US 41				
0130	02671	PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH	.	.
0140	02775	ARROW PANEL	2.00	EACH	.	.
0150	06514	PAVE STRIPING-PERM PAINT-4 IN	2,200.00	LF	.	.
0160	06549	PAVE STRIPING-TEMP REM TAPE-B	3,000.00	LF	.	.
		6 INCH				
0170	06550	PAVE STRIPING-TEMP REM TAPE-W	1,600.00	LF	.	.
		4 INCH				
0180	06551	PAVE STRIPING-TEMP REM TAPE-Y	1,600.00	LF	.	.
		4 INCH				
		DEMobilIZATION			.	.
0190	02569	DEMobilIZATION	1.00	LS	.	.
<b>TOTAL BID</b>					\$	.

**PART VII**  
**CERTIFICATIONS**

**PROVISIONS RELATIVE TO SENATE BILL 258 (1994)**

During the performance of the contract, the contractor agrees to comply with applicable provisions of:

1. KRS 136 Corporation and Utility Taxes
2. KRS 139 Sale and Use Taxes
3. KRS 141 Income Taxes
4. KRS 337 Wages and Hours
5. KRS 338 Occupational Safety and Health of Employees
6. KRS 341 Unemployment Compensation
7. KRS 342 Workers Compensation

Any final determinations of a violation by the contractor within the previous five (5) years pursuant to the applicable statutes above are revealed as follows:

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**NON-COLLUSION CERTIFICATION**

COMMONWEALTH OF KENTUCKY

COUNTY \_\_\_\_\_

PROJECT NO. \_\_\_\_\_

I, \_\_\_\_\_, \_\_\_\_\_, under  
(Name of officer signing certification) (Title)

penalty of perjury under the laws of the United States, do hereby certify that

\_\_\_\_\_  
(Insert name of Individual, Joint Venture, Co-partnership, or Corporation submitting bid)

its agent, officers or employees have not directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding in connection with this proposal.

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Title)

REVISED: 8-23-89

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**NON-COLLUSION CERTIFICATION**

COMMONWEALTH OF KENTUCKY

COUNTY \_\_\_\_\_

PROJECT NO. \_\_\_\_\_

I, \_\_\_\_\_, \_\_\_\_\_, under  
(Name of officer signing certification) (Title)

penalty of perjury under the laws of the United States, do hereby certify that

\_\_\_\_\_  
(Insert name of Individual, Joint Venture, Co-partnership, or Corporation submitting bid)

its agent, officers or employees have not directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken action in restraint of free competitive bidding in connection with this proposal.

\_\_\_\_\_  
(Signature)

\_\_\_\_\_  
(Title)

REVISED: 8-23-89

### CERTIFICATION OF BID PROPOSAL

We (I) propose to furnish all labor, equipment and materials necessary to construct and/or improve the subject project in accordance with the plans, the Transportation Cabinet's Standard Specifications for Road and Bridge Construction, current edition, special provisions, notes applicable to the project as indicated herein and all addenda issued on this project subsequent to purchase of proposal.

We (I) attach a bid proposal guaranty as provided in the special provisions in an amount not less than 5% of the total bid. We agree to execute a contract in accordance with this bid proposal within 15 calendar days after the receipt of the notice of award for the project.

We (I) have examined the site of proposed work, project plans, specifications, special provisions, and notes applicable to the project referred to herein. We understand that the quantities shown herein are estimated quantities subject to increase or decrease as provided in the specifications.

We (I) acknowledge receipt of all addendum(s) (if applicable) and have made the necessary revisions to the bid proposal. We have considered all addendum(s) in the calculation of the submitted bid and applied the updated bid items, which are included.

- No Addendum(s) have been posted

\_\_\_\_\_  
Name of Contracting Firm

BY: \_\_\_\_\_  
Authorized Agent (Signature) Title

\_\_\_\_\_  
Address City State Zip Code

\_\_\_\_\_  
Telephone Number

When two or more organizations bid as a joint venture, enter names of each organization and an authorized agent for each organization must sign above.