



**CALL NO. 300**

**CONTRACT ID. 082949**

**WOLFE COUNTY**

**FED/STATE PROJECT NUMBER CB06 119 1261 B00027**

**LETTING DATE: November 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 STANDARD TIME November 21, 2008. Bids will be publicly opened and read at 10:00 AM EASTERN STANDARD 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 - 082949

ADMINISTRATIVE DISTRICT - 10

PROJECT(S) IDENTIFICATION AND DESCRIPTION:

COUNTY - WOLFE PCN - MB11912610801  
CB06 119 1261 B00027  
LANDSAW-BREATHITT COUNTY LINE ROAD (KY 1261) BRIDGE OVER STILLWATER CREEK (MP 7.778).  
BRIDGE DECK RESTORATION & WATERPROOFING.  
GEOGRAPHIC COORDINATES LATITUDE 37^43'34" LONGITUDE 83^27'10"  
AVERAGE DAILY TRAFFIC - 187 AVERAGE MAINLINE WIDTH - 24.0 FEET

COMPLETION DATE(S):

COMPLETION DATE - August 15, 2009  
APPLIES TO ENTIRE CONTRACT

20 WORKING DAYS  
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.

## **SPECIAL NOTE FOR BRIDGE RESTORATION AND WATERPROOFING WITH CONCRETE OVERLAYS**

**I. DESCRIPTION.** Perform all work in accordance with the Kentucky Transportation Cabinet, Department of Highway's 2008 Standard Specifications for Road and Bridge Construction and applicable Supplemental Specifications, the Standard Drawings, this Note, and the attached detail drawings. Section references are to the Standard Specifications.

This work consists of the following: (1) Furnish all labor, materials, tools, and equipment; (2) Remove the existing overlay; (3) Construct deck extension and curb; (4) Place new concrete overlay and epoxy-sand slurry in accordance with Section 606; (5) Maintain and control traffic; and (6) Any other work specified as part of this contract.

All construction will be in accordance with Section 606 unless otherwise specified.

### **II. MATERIALS.**

**A. Latex Concrete.** See Section 606.03.17.

**B. Low Slump Concrete.** See Section 606.03.18.

**C. Class "M" Concrete.** Use either "M1" or "M2". See Section 601.

**D. Epoxy-Sand Slurry.** See Section 606.03.10.

**E. Steel Reinforcement.** See Section 602.

### **III. CONSTRUCTION.**

**A. Remove Existing Overlay.** In addition to Section 606.03.03, totally remove the existing concrete overlay by grinding or scarifying the deck to a depth slightly below or equal to the original bridge slab surface. Machine preparation of the existing slab to a depth of at least ¼" below the existing surface is NOT required. When removal of an existing overlay is a pay item, no payment will be allowed for "Machine Preparation of Existing Slab". This work is incidental to the pay item "Removal of Existing Overlay – Square Yard".

**B. Construct deck extension and curb.** Remove existing deteriorated areas of concrete indicated on the drawing or as directed by the Engineer using hammers weighing 40 pounds or less. Dispose of all removed material entirely away from the job site as approved by the Engineer. This work is incidental to the contract unit price for "CLASS 'M' CONCRETE".

Clean and leave all existing steel reinforcement encountered in place. Damaged steel reinforcement will be repaired / replaced as directed by the Engineer at no additional cost to the Department.

Construct deck extension and curb with Class "M" Concrete and steel reinforcement according to the drawings. Place 2" PVC drains approximately every 10' as directed by the engineer. Contrary to Section 602, field bending and welding of the steel reinforcement is allowed.

**C Approach Pavement Repair.** The Contractor shall repair any and all damage to the approach pavement due to this construction to the satisfaction of the Engineer prior to allowing traffic back on a section of the new overlay. No additional payment will be allowed for this work, as it will be considered incidental to other pay items listed.

### **IV. MEASUREMENT.** See Sections 601, 602, and 606.

**V. PAYMENT.** See Sections 601, 602, and 606.

**SPECIAL NOTE FOR CONTRACT COMPLETION DATE AND  
LIQUIDATED DAMAGES ON BRIDGE REPAIR CONTRACTS**

- I. COMPLETION DATE.** The Contractor has the option of selecting the starting date for this Contract. Once selected, notify the Department in writing of the date selected at least two weeks prior to beginning work. All work is to be completed in the 2009 construction season by August 15, 2009. An allotted number of working days are assigned to each structure in this contract as shown below.

<u>STRUCTURE</u>	<u>NUMBER OF WORKING DAYS</u>
B00027	20

Contrary to Section 108.07.02, the Engineer will begin charging working days for a structure on the day the Contractor starts work or sets up traffic control on that particular structure.

- II. LIQUIDATED DAMAGES.** Liquidated damages will be assessed the Contractor in accordance with the Transportation Cabinet, Department of Highway's 2008 Standard Specifications for Road and Bridge Construction, Section 108.09, when either the allotted number of working days or the August 15, 2009 date is exceeded.

Contrary to the Standard Specifications, liquidated damages will be assessed the Contractor during the months of December, January, February and March when the contract time has expired on any individual bridge or bridges. Contract time will be charged during these months.

All construction must be completed in accordance with the weather limitations specified in Section 606 and/or Section 601 as applicable. No extension of Contract time will be granted due to inclement weather or temperature limitations that occur due to starting work on the Contract or a structure late in the construction season.

## **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.

## **SPECIAL NOTE FOR TRAFFIC CONTROL ON BRIDGE REPAIR CONTRACTS**

### **I. TRAFFIC CONTROL GENERAL**

Except as provided herein, traffic shall be maintained in accordance with the 2008 Standard Specifications, Section 112. 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.

### **II. SIGNS**

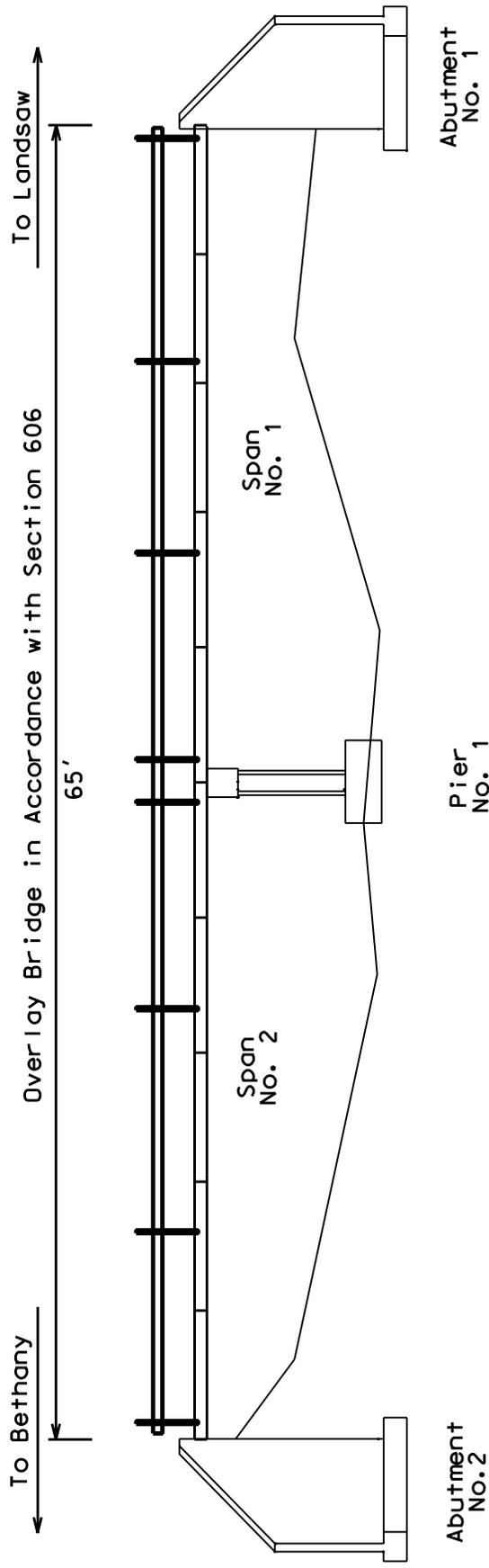
Contrary to Section 112.04.02, only long term signs (signs intended to be continuously in place for more than 3 days) will be measured for payment; short term signs (signs intended to be left in place for 3 days or less) will not be measured for payment but will be incidental to Maintain and Control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

Individual 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 directed by the Engineer to be replaced due to poor condition or reflectivity will not be measured for payment.

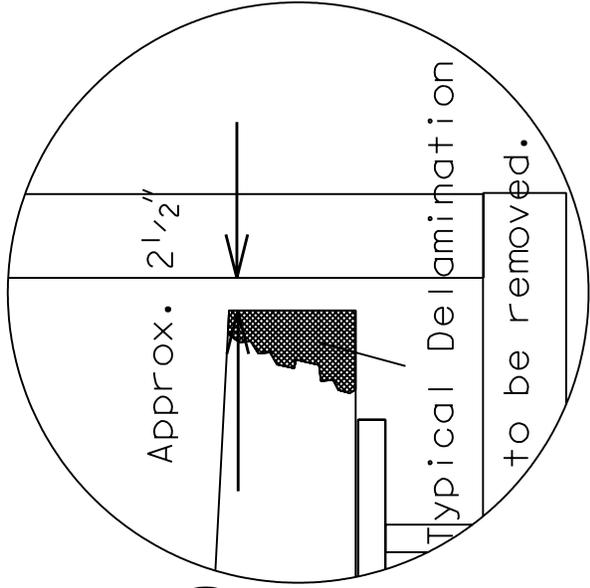
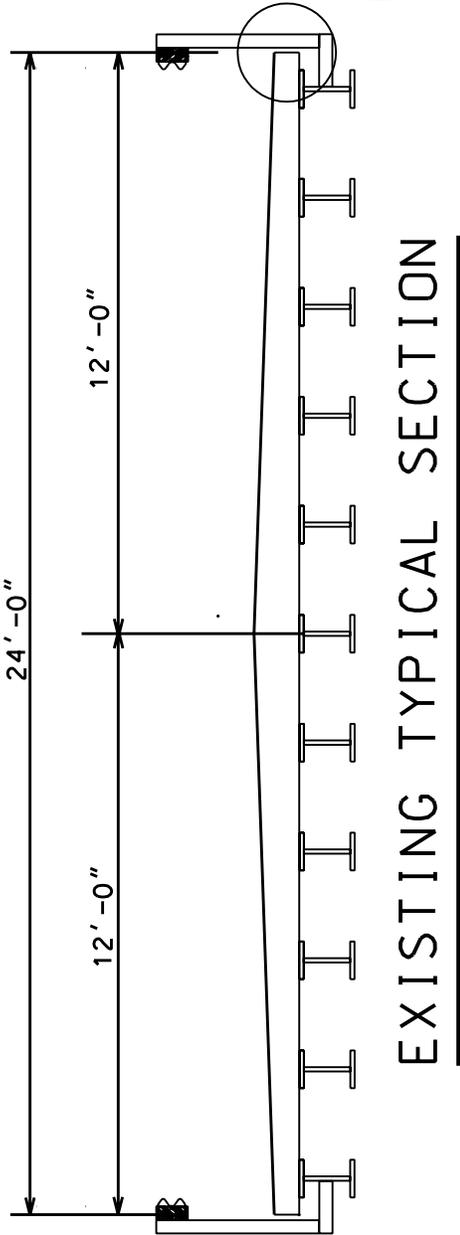
### **III. PROJECT PHASING & CONSTRUCTION PROCEDURES**

Maintain one lane of traffic on KY 1261 during construction with a Temporary Signal – Two Phase according to Standard Drawing TTC-110. The minimum clear lane width required is 10'. The Contractor must provide a 24-hour contact person and number available to maintain the temporary signal as needed.

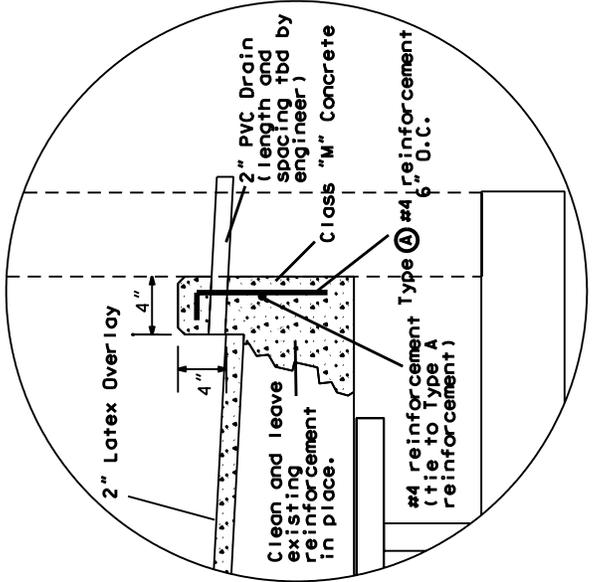
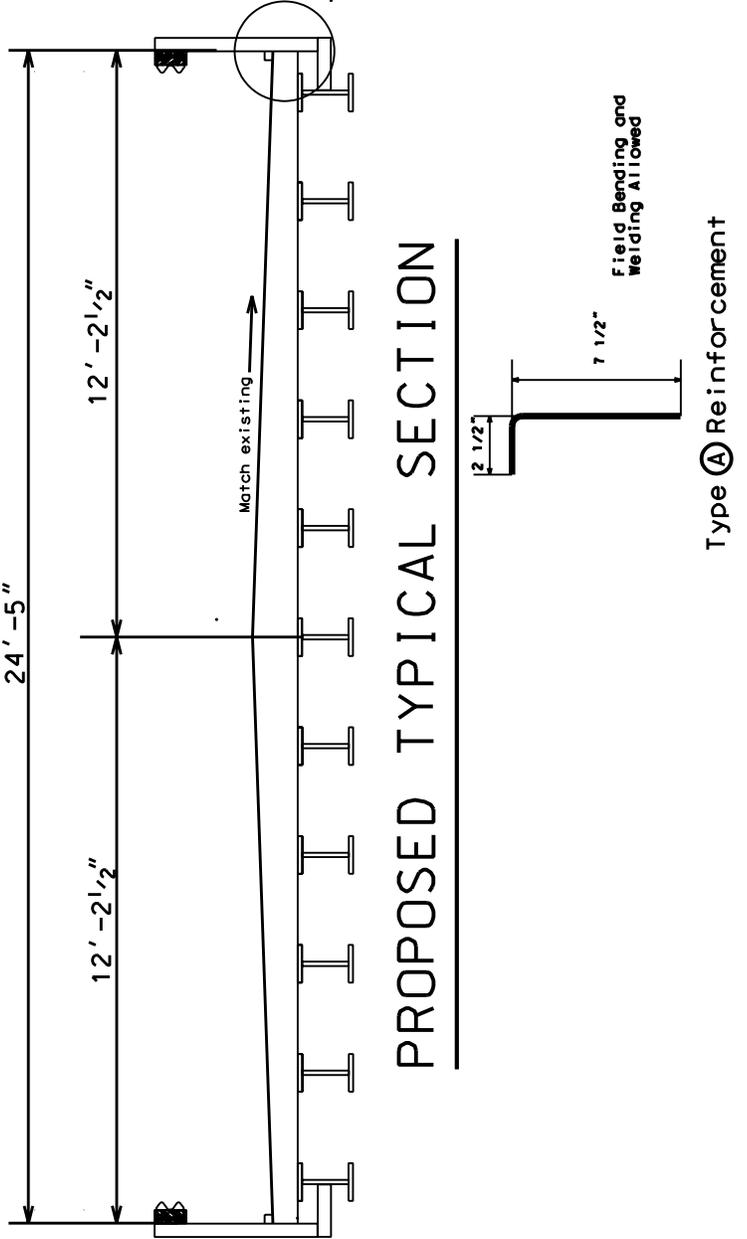


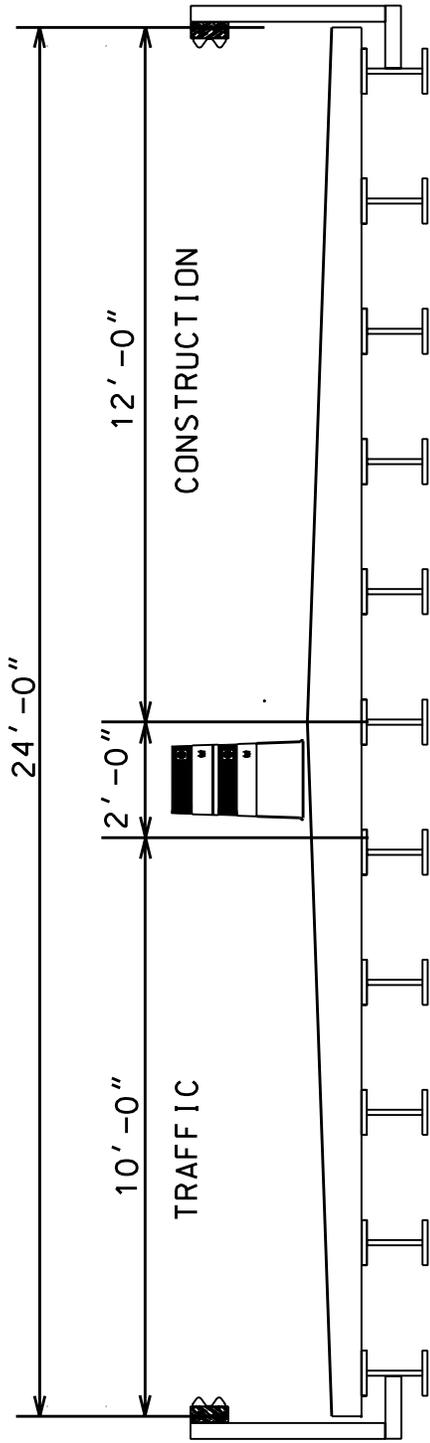


# ELEVATION

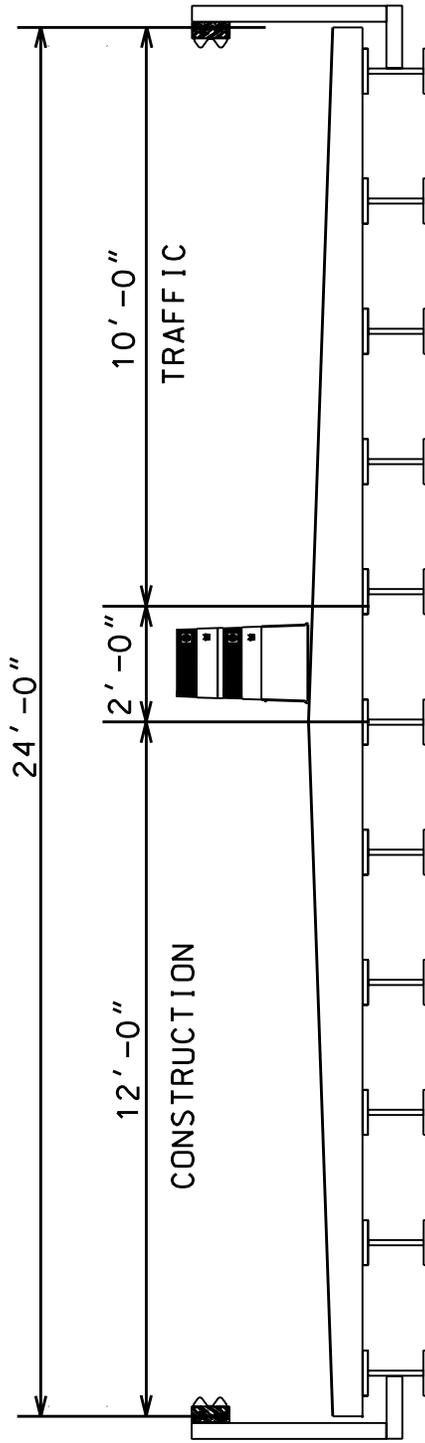


Clean and Leave Existing Reinforcement in place.





PHASE 1



PHASE 2

CONSTRUCTION PHASING

## **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 with the 2008 Revision*.

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 October 31, 2008 Letting)

<b>SUBSECTION:</b> 102.07.01 General. <b>REVISION:</b> Replace the first sentence with the following:  Submit the Bid Proposal on forms furnished on the Department internet website ( <a href="http://transportation.ky.gov/contract/">http://transportation.ky.gov/contract/</a> ), including the Bid Packet and disk created from the Expedite Bidding Program.
<b>SUBSECTION:</b> 102.07.02 Computer Bidding. <b>REVISION:</b> Replace the first paragraph with the following:  Subsequent to ordering a Bid Proposal for a specific project, use the Department's Expedite Bidding Program on the internet website of the Department of Highways, Division of Construction Procurement ( <a href="http://transportation.ky.gov/contract/">http://transportation.ky.gov/contract/</a> ). Download the bid file from the Department's website to prepare a Bid Proposal for submission to the Department. Include the completed Bid Packet produced by the Expedite Bidding Program in the Bid Proposal and submit it along with the disk created by said program.  Replace the second paragraph with the following:  In case of a dispute, the printed Bid Proposal and bid item sheets created by the Expedite Bidding Program take precedence over any bid submittal.
<b>SUBSECTION:</b> 102.08 IRREGULAR BID PROPOSALS. <b>REVISION:</b> Replace point four of the first paragraph with the following:  4) fails to submit a disk created from the Expedite Bidding Program.  Replace point one of the second paragraph with the following:  1) when the Bid Proposal is on a form other than that furnished by the Department or printed from other than the Expedite Bidding Program, or when the form is altered or any part is detached; or
<b>SUBSECTION:</b> 103.02 AWARD OF CONTRACT. <b>REVISION:</b> Replace the first sentence of the third paragraph with the following:  The Department will normally award the Contract within 10 working days after the date of receiving Bid Proposals unless the Department deems it best to hold the Bid Proposals of any or all bidders for a period not to exceed 60 calendar days for final disposition of award.
<b>SUBSECTION:</b> 106.10 FIELD WELDER CERTIFICATION REQUIREMENTS. <b>REVISION:</b> Insert the following sentence before the first sentence of the first paragraph:  All field welding must be performed by a certified welder unless otherwise noted.
<b>SUBSECTION:</b> 112.03.12 Project Traffic Coordinator (PTC). <b>REVISION:</b> Add the following at the end of the subsection:  After October 1, 2008 the Department will require the PTC to have successfully completed the applicable qualification courses. Personnel that have not successfully completed the applicable courses by that date will not be considered qualified. Prior to October 1, 2008, conform to Subsection 108.06 A) and ensure the designated PTC has sufficient skill and experience to properly perform the task.
<b>SUBSECTION:</b> 213.03.05 Temporary Control Measures. <b>PART:</b> F) Temporary Mulch. <b>REVISION:</b> Replace the last sentence with the following:  Place temporary mulch to an approximate 2-inch loose depth (2 tons per acre) and anchor it into the soil by mechanically crimping it into the soil surface or applying tackifier to provide a protective cover. Regardless of the anchoring method used, ensure the protective cover holds until disturbance is required or permanent controls are in installed.

**Supplemental Specifications to The Standard Specifications  
 for Road and Bridge Construction, 2008 Edition**

(Effective with the October 31, 2008 Letting)

<b>SUBSECTION:</b>	402.05.02 Asphalt Mixtures and Mixtures With RAP.
<b>PART:</b>	Lot Pay Adjustment Schedule, Compaction Option A, Base and Binder Mixtures
<b>TABLES:</b>	VMA, AV, and LANE DENSITY
<b>REVISION:</b>	Replace the VMA, AV, and LANE DENSITY tables with the following:

VMA	
Pay Value	Deviation From Minimum
1.00	≤ 0.5 below min.
0.95	0.6-1.0 below min.
0.90	1.1-1.5 below min.
<sup>(1)</sup>	> 1.5 below min.

AV		
Pay Value	Test Result (%)	
	ESAL Class 2	ESAL Class 3 or 4
1.00	3.0-5.0	3.0-5.0
1.00 + 0.1 (AV-3.0)	1.5-2.9	2.0-2.9
1.00 + 0.1 (5.0-AV)	5.1-6.0	5.1-6.0
0.75	6.1-6.5	----
<sup>(1)</sup>	< 1.5 or > 6.5	< 2.0 or > 6.0

LANE DENSITY		
Pay Value	Test Result (%)	
	ESAL Class 2	ESAL Class 3 or 4
1.00	92.0-96.5	92.0-96.5
0.95	91.0-91.9	91.0-91.9
0.90	90.0-90.9 or 96.6-97.0	90.0-90.9 or 96.6-97.0
0.85	97.1-98.5	----
0.75	89.0-89.9	----
<sup>(1)</sup>	< 89.0 or > 98.5	< 90.0 or > 97.0

**Supplemental Specifications to The Standard Specifications  
for Road and Bridge Construction, 2008 Edition  
(Effective with the October 31, 2008 Letting)**

<b>SUBSECTION:</b>	402.05.02 Asphalt Mixtures and Mixtures With RAP.
<b>PART:</b>	Lot Pay Adjustment Schedule, Compaction Option A, Surface Mixtures
<b>TABLES:</b>	AV, LANE DENSITY, and JOINT DENSITY
<b>REVISION:</b>	Replace the AV, LANE DENSITY, and JOINT DENSITY tables with the following:

AV		
Pay Value	Test Result (%)	
	ESAL Class 2	ESAL Class 3 or 4
1.00	3.0-5.0	3.0-5.0
1.00 + 0.1 (AV-3.0)	1.5-2.9	2.0-2.9
1.00 + 0.1 (5.0-AV)	5.1-6.0	5.1-6.0
0.75	6.1-6.5	----
<sup>(1)</sup>	< 1.5 or > 6.5	< 2.0 or > 6.0

LANE DENSITY		
Pay Value	Test Result (%)	
	ESAL Class 2	ESAL Class 3 or 4
1.00	92.0-96.5	92.0-96.5
0.95	91.0-91.9	91.0-91.9
0.90	90.0-90.9 or 96.6-97.0	90.0-90.9 or 96.6-97.0
0.85	97.1-98.5	----
0.75	89.0-89.9	----
<sup>(1)</sup>	< 89.0 or > 98.5	< 90.0 or > 97.0

JOINT DENSITY	
Pay Value	Test Result (%)
1.00	89.0-96.5
0.95	88.0-88.9
0.90	87.0-87.9 or 96.6-97.0
0.75	< 87.0 or > 97.0

<b>SUBSECTION:</b>	402.05.02 Asphalt Mixtures and Mixtures With RAP.
<b>PART:</b>	Lot Pay Adjustment Schedule, Compaction Option B Mixtures
<b>TABLE:</b>	AV
<b>REVISION:</b>	Replace the AV table with the following:

AV		
Pay Value	Test Result (%)	
	ESAL Class 2	ESAL Class 3 or 4
1.00	3.0-5.0	3.0-5.0
1.00 + 0.1 (AV-3.0)	1.5-2.9	2.0-2.9
1.00 + 0.1 (5.0-AV)	5.1-6.0	5.1-6.0
0.75	6.1-6.5	----
<sup>(2)</sup>	< 1.5 or > 6.5	< 2.0 or > 6.0

<b>SUBSECTION:</b>	410.01 DESCRIPTION.
<b>REVISION:</b>	Delete the second sentence of the paragraph.

**Supplemental Specifications to The Standard Specifications  
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<b>SUBSECTION:</b>	410.03.01 Corrective Work.																																																								
<b>REVISION:</b>	Replace the last sentence of the paragraph with the following:  Provide a final surface comparable to the adjacent pavement that does not require corrective work in respect to texture, appearance, and skid resistance.																																																								
<b>SUBSECTION:</b>	410.03.02 Ride Quality.																																																								
<b>PART:</b>	B) Requirements.																																																								
<b>NUMBER:</b>	1) Category A.																																																								
<b>REVISION:</b>	Replace the last sentence of the first paragraph with the following:  At the Department's discretion, a pay deduction of \$1200 per 0.1-lane-mile section may be applied in lieu of corrective work.																																																								
<b>SUBSECTION:</b>	410.03.02 Ride Quality.																																																								
<b>PART:</b>	B) Requirements.																																																								
<b>NUMBER:</b>	2) Category B.																																																								
<b>REVISION:</b>	Replace the second and third sentence of the first paragraph with the following:  When the IRI is greater than 90 for a 0.1-mile section, perform corrective work, or remove and replace the pavement to achieve the specified IRI. At the Department's discretion, a pay deduction of \$750 per 0.1-lane-mile section may be applied in lieu of corrective work.																																																								
<b>SUBSECTION:</b>	410.05 PAYMENT.																																																								
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<b>TABLE:</b>	RIDE QUALITY ADJUSTMENT SCHEDULES																																																								
<b>REVISION:</b>	Replace the adjustment tables with the following:  <div style="text-align: center;"> <p><b>RIDE QUALITY ADJUSTMENT SCHEDULES</b></p> <table border="0"> <thead> <tr> <th colspan="2">CATEGORY "A" PROJECTS</th> <th colspan="2">CATEGORY "B" PROJECTS</th> </tr> <tr> <th><u>IRI</u></th> <th><u>Pav Value Adjustment</u></th> <th><u>IRI</u></th> <th><u>Pav Value Adjustment</u></th> </tr> </thead> <tbody> <tr> <td>70 or less</td> <td>0</td> <td>80 or less</td> <td>0</td> </tr> <tr> <td>71</td> <td>-\$30</td> <td>81</td> <td>-\$20</td> </tr> <tr> <td>72</td> <td>-\$70</td> <td>82</td> <td>-\$45</td> </tr> <tr> <td>73</td> <td>-\$120</td> <td>83</td> <td>-\$80</td> </tr> <tr> <td>74</td> <td>-\$180</td> <td>84</td> <td>-\$120</td> </tr> <tr> <td>75</td> <td>-\$250</td> <td>85</td> <td>-\$170</td> </tr> <tr> <td>76</td> <td>-\$330</td> <td>86</td> <td>-\$220</td> </tr> <tr> <td>77</td> <td>-\$420</td> <td>87</td> <td>-\$280</td> </tr> <tr> <td>78</td> <td>-\$520</td> <td>88</td> <td>-\$350</td> </tr> <tr> <td>79</td> <td>-\$630</td> <td>89</td> <td>-\$420</td> </tr> <tr> <td>80</td> <td>-\$750</td> <td>90</td> <td>-\$500</td> </tr> <tr> <td>81 or higher</td> <td>corrective work<sup>(1)</sup></td> <td>91 or higher</td> <td>corrective work<sup>(2)</sup></td> </tr> </tbody> </table> <p><sup>(1)</sup>When it is in the best interest of the Department, a minimum pay value deduction of \$1200 per 0.1-lane-mile section may be applied in lieu of corrective work. <sup>(2)</sup>When it is in the best interest of the Department, a minimum pay value deduction of \$750 per 0.1-lane-mile section may be applied in lieu of corrective work.</p> </div>	CATEGORY "A" PROJECTS		CATEGORY "B" PROJECTS		<u>IRI</u>	<u>Pav Value Adjustment</u>	<u>IRI</u>	<u>Pav Value Adjustment</u>	70 or less	0	80 or less	0	71	-\$30	81	-\$20	72	-\$70	82	-\$45	73	-\$120	83	-\$80	74	-\$180	84	-\$120	75	-\$250	85	-\$170	76	-\$330	86	-\$220	77	-\$420	87	-\$280	78	-\$520	88	-\$350	79	-\$630	89	-\$420	80	-\$750	90	-\$500	81 or higher	corrective work <sup>(1)</sup>	91 or higher	corrective work <sup>(2)</sup>
CATEGORY "A" PROJECTS		CATEGORY "B" PROJECTS																																																							
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<b>SUBSECTION:</b>	509.01 DESCRIPTION.																																																								
<b>REVISION:</b>	Replace the second paragraph with the following:  The Department may allow the use of similar units that conform to the National Cooperative Highway Research Program (NCHRP) 350 Test Level 3 (TL-3) requirements and the typical features depicted by the Standard Drawings. Obtain the Engineers approval prior to use. Ensure the barrier wall shape, length, material, drain slot dimensions and locations typical features are met and the reported maximum deflection is 3 feet or less from the NCHRP 350 TL-3 for Test 3 – 11 (pickup truck																																																								

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impacting at 60 mph at a 25-degree angle.)

**SUBSECTION:** 606.02.11 Coarse Aggregate.

**REVISION:** Replace with the following:

Conform to Section 805, size No. 8 or 9-M.

**SUBSECTION:** 701.03.08 Testing of Pipe.

**REVISION:** Replace and rename the subsection with the following:

**701.03.08 Inspection of Pipe.** The engineer will visually inspect all pipe. The Department will require camera/video inspection on a minimum of 50 percent of the linear feet of all installed pipe structures. Conduct camera/video inspection according to KM 64-114. The pipe to be installed under pavement will be selected first. If the total linear feet of pipe under pavement is less than 50 percent of the linear feet of all pipe installed, the Engineer will randomly select installations from the remaining pipe structures on the project to provide for the minimum inspection requirement. The pipe will be selected in complete runs (junction-junction or headwall-headwall) until the total linear feet of pipe to be inspected is at least 50 percent of the total linear feet of all installed pipe on the project.

Unless the Engineer directs otherwise, schedule the inspections no sooner than 30 days after completing the installation and completion of earthwork to within 1 foot of the finished subgrade. When final surfacing conflicts with the 30-day minimum, conduct the inspections prior to placement of the final surface. The contractor must ensure that all pipe are free and clear of any debris so that a complete inspection is possible.

Notify the Engineer immediately if distresses or locations of improper installation are discovered. When camera testing shows distresses or improper installation in the installed pipe, the Engineer may require additional sections to be tested. Provide the video and report to the Engineer when testing is complete in accordance with KM 64-114.

Pipes that exhibit distress or signs of improper installation may necessitate repair or removal as the Engineer directs. These signs include, but are not limited to: deflection, cracking, joint separation, sagging or other interior damage. If corrugated metal or thermoplastic pipes exceed the deflection and installation thresholds indicated in the table below, provide the Department with an evaluation of each location conducted by a Professional Engineer addressing the severity of the deflection, structural integrity, environmental conditions, design service life, and an evaluation of the factor of safety using Section 12, "Buried Structures and Tunnel Liners," of the AASHTO LRFD Bridge Design Specifications. Based on the evaluation, the Department may allow the pipe to remain in place at a reduced unit price as shown in the table below. Provide 5 business days for the Department to review the evaluation. When the pipe shows deflection of 10 percent or greater, remove and replace the pipe. When the camera/video or laser inspection results are called into question, the Department may require direct measurements or mandrel testing.

The Cabinet may elect to conduct Quality Assurance verifications of any pipe inspections.

**SUBSECTION:** 701.04.07 Testing.

**REVISION:** Replace and rename the subsection with the following:

**701.04.07 Pipeline Video Inspection.** The Department will measure the quantity in linear feet along the pipe invert of the structure inspected. When inspection above the specified 50 percent is performed due to a disagreement or suspicion of additional distresses and the Department is found in error, the Department will measure the quantity as Extra Work according to Subsection 104.03. However, if additional distresses or non-conformance is found, the Department will not measure the additional inspection for payment.

**SUBSECTION:** 701.05 PAYMENT.

**REVISION:** Add the following pay item to the list of pay items:

<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>
23131ER701	Pipeline Video Inspection	Linear Foot

**Supplemental Specifications to The Standard Specifications  
 for Road and Bridge Construction, 2008 Edition  
 (Effective with the October 31, 2008 Letting)**

<b>SUBSECTION:</b>	701.05 PAYMENT										
<b>TABLE:</b>	PIPE DEFLECTION DETERMINED BY CAMERA TESTING										
<b>REVISION:</b>	Replace this table with the following table and note:										
<table border="1"> <thead> <tr> <th colspan="2">PIPE DEFLECTION</th> </tr> <tr> <th>Amount of Deflection (%)</th> <th>Payment</th> </tr> </thead> <tbody> <tr> <td>0.0 to 5.0</td> <td>100% of the Unit Bid Price</td> </tr> <tr> <td>5.1 to 9.9</td> <td>50% of the Unit Bid Price <sup>(1)</sup></td> </tr> <tr> <td>10 or greater</td> <td>Remove and Replace</td> </tr> </tbody> </table>		PIPE DEFLECTION		Amount of Deflection (%)	Payment	0.0 to 5.0	100% of the Unit Bid Price	5.1 to 9.9	50% of the Unit Bid Price <sup>(1)</sup>	10 or greater	Remove and Replace
PIPE DEFLECTION											
Amount of Deflection (%)	Payment										
0.0 to 5.0	100% of the Unit Bid Price										
5.1 to 9.9	50% of the Unit Bid Price <sup>(1)</sup>										
10 or greater	Remove and Replace										
	<sup>(1)</sup> Provide Structural Analysis as indicated above. Based on the structural analysis, pipe may be allowed to remain in place at the reduced unit price.										
<b>SUBSECTION:</b>	701.05 PAYMENT										
<b>TABLE:</b>	PIPE DEFLECTION DETERMINED BY MANDREL TESTING										
<b>REVISION:</b>	Delete this table.										
<b>SUBSECTION:</b>	805.01 GENERAL.										
<b>REVISION:</b>	Replace the second paragraph with the following:  The Department's List of Approved Materials includes the Aggregate Source List, the list of Class A and Class B Polish-Resistant Aggregate Sources, and the Concrete Restriction List.										
<b>SUBSECTION:</b>	805.04 CONCRETE.										
<b>REVISION:</b>	Replace the "AASHTO T 160" reference in first sentence of the third paragraph with "KM 64-629"										
<b>SUBSECTION:</b>	805.15 GRADATION ACCEPTANCE OF NON-SPECIFICATION COARSE AGGREGATE.										
<b>TABLE:</b>	AGGREGATE SIZE USE										
<b>PART:</b>	Cement Concrete Structures and Incidental Construction										
<b>REVISION:</b>	Replace "9-M for Waterproofing Overlays" with "8 or 9-M for Waterproofing Overlays"										
<b>SUBSECTION:</b>	805.16 SAMPLING AND TESTING.										
<b>REVISION:</b>	Replace the "AASHTO T 160" method with the "KM 64-629" method for the Concrete Beam Expansion Test.  Replace the "ASTM D 3042" method with the "KM 64-625" method for Insoluble Residue.										
<b>SUBSECTION:</b>	810.04.01 Coating Requirements.										
<b>REVISION:</b>	Replace the "Subsection 806.07" references with "Subsection 806.06"										
<b>SUBSECTION:</b>	837.03 APPROVAL.										
<b>REVISION:</b>	Replace the last sentence with the following:  The Department will sample and evaluate for approval each lot of thermoplastic material delivered for use per contract prior to installation of the thermoplastic material. Do not allow the installation of thermoplastic material until it has been approved by the Division of Materials. Allow the Department a minimum of 10 working days to evaluate and approve thermoplastic material.										
<b>SUBSECTION:</b>	837.03.01 Composition.										
<b>REVISION:</b>	COMPOSITION Table: Replace <table border="1" style="margin-left: 40px;"> <tr> <td>Lead Chromate</td> <td>0.0 max.</td> <td>4.0 min.</td> </tr> </table> with <table border="1" style="margin-left: 40px;"> <tr> <td>Heavy Metals Content</td> <td colspan="2">Comply with 40 CFR 261</td> </tr> </table>	Lead Chromate	0.0 max.	4.0 min.	Heavy Metals Content	Comply with 40 CFR 261					
Lead Chromate	0.0 max.	4.0 min.									
Heavy Metals Content	Comply with 40 CFR 261										

**Supplemental Specifications to The Standard Specifications  
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**SUBSECTION:** 805.15 GRADATION ACCEPTANCE OF NON-SPECIFICATION COARSE AGGREGATE.  
**REVISION:** Replace the "SIZES OF COARSE AGGREGATES" table in with the following:

Aggregate Size	Sieve Nominal <sup>(3)</sup> Maximum Aggregate Size	AMOUNTS FINER THAN EACH LABORATORY SIEVE (SQUARE OPENINGS) PERCENTAGE BY WEIGHT															
		4 inch	3 1/2 inch	3 inch	2 1/2 inch	2 inch	1 1/2 inch	1 inch	3/4 inch	1/2 inch	3/8 inch	No. 4	No. 8	No. 16	No. 30	No. 100	No. 200
1	3 1/2 inch	100	90-100		25-60		0-15		0-5								
2	2 1/2 inch			100	90-100		0-15		0-5								
23	2 inch			100		40-90		0-15		0-5							
3	2 inch		100		90-100		35-70		0-15								
357	2 inch		100		95-100		35-70		0-15								
4	1 1/2 inch					100	90-100		20-55		0-5						
467	1 1/2 inch					100	95-100		35-70		10-30		0-5				
5	1 inch						100	90-100	20-55		0-5						
57	1 inch						100	95-100		25-60		0-10	0-5				
610	1 inch						100	85-100		40-75		15-40					
67	3/4 inch						100	100	90-100		20-55	0-10	0-5				
68	3/4 inch						100	100	90-100		30-65	5-25	0-10	0-5			
710	3/4 inch						100	100	80-100		30-75	0-30					
78	1/2 inch						100	100	100	90-100	40-75	5-25	0-10	0-5			
8	3/8 inch						100	100	100	85-100	10-30	0-10	0-5				
9-M	3/8 inch						100	75-100			0-25	0-5					
10 <sup>(2)</sup>	No. 4										100	85-100			10-30		
11 <sup>(2)</sup>	No. 4										100	40-90	10-40		0-5		
DENSE GRADED AGGREGATE <sup>(1)</sup>	3/4 inch						100	70-100			50-80	30-65		10-40		4-13	
CRUSHED STONE BASE <sup>(1)</sup>	1 1/2 inch				100		90-100		60-95		30-70	15-55		5-20		0-8	

<sup>(1)</sup> Gradation performed by wet sieve KM 64-620 or AASHTO T 11/T 27.

<sup>(2)</sup> Sizes shown for convenience and are not to be considered as coarse aggregates.

<sup>(3)</sup> Nominal Maximum Size is the largest sieve on the gradation table for an aggregate size on which any material may be retained.

Note: The Department will allow blending of same source/same type aggregate when precise procedures are used such as cold feed, belt, or equivalent and combining of sizes or types of aggregate using the weigh hopper at concrete plants or controlled feed belts at the pugmill to obtain designated sizes.

**STANDARD DRAWINGS THAT APPLY**

**TRAFFIC  
~ TEMPORARY ~**

TRAFFIC CONTROL

LANE CLOSURE USING TRAFFIC SIGNALS TTC-110

DEVICES

MISCELLANEOUS TRAFFIC CONTROL DEVICES TTD-100

MISCELLANEOUS TRAFFIC CONTROL DEVICES TTD-105

POST SPlicing DETAIL TTD-110

**BRIDGES**

MISCELLANEOUS STANDARDS

BRIDGE RESTORATION AND WATERPROOFING WITH CONCRETE  
OVERLAYS BGX-009-04

## **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 not apply to this Contract.

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

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**WORKERS.....MINIMUM HOURLY  
RATE.....\$6.55**

Note: Parts III and IV of **“Labor and Wage Requirements Applicable to Other Than Federal-Aid System Projects”** do not apply to this project.

**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**  
**BID ITEMS**

CONTRACT ID: 082949  
COUNTY: WOLFE  
PROPOSAL: CB06 119 1261 B00027

PAGE: 1  
LETTING: 11/21/08  
CALL NO: 300

LINE NO	ITEM	DESCRIPTION	APPROXIMATE QUANTITY	UNIT	UNIT PRICE	AMOUNT
SECTION 0001 BRIDGE						
0010	02562	SIGNS	150.000	SQFT		
0020	02650	MAINTAIN & CONTROL TRAFFIC	( 1.00)	LS		
0030	02653	LANE CLOSURE	2.000	EACH		
0040	03381	PVC PIPE-2 IN	20.000	LF		
0050	04933	TEMP SIGNAL 2 PHASE	1.000	EACH		
0060	06514	PAVE STRIPING-PERM PAINT-4 IN	130.000	LF		
0070	06549	PAVE STRIPING-TEMP REM TAPE-B	600.000	LF		
0080	06550	PAVE STRIPING-TEMP REM TAPE-W	600.000	LF		
0090	06551	PAVE STRIPING-TEMP REM TAPE-Y	100.000	LF		
0100	08150	STEEL REINFORCEMENT	370.000	LB		
0110	08504	EPOXY SAND SLURRY	14.400	SQYD		
0120	08510	REM EPOXY BIT FOREIGN OVERLAY	173.000	SQYD		
0130	08526	CONC CLASS M FULL DEPTH PATCH	3.200	CUYD		
0140	08549	BLAST CLEANING	188.000	SQYD		
0150 AA1	08534	CONCRETE OVERLAY-LATEX	11.700	CUYD		
0160 AA2	08535	CONC OVERLAY-LOW SLUMP	14.100	CUYD		
SECTION 0002 ZEMO						
0170	02569	DEMobilIZATION		LUMP		
		TOTAL BID				