



CALL NO. 434

CONTRACT ID. 072299

BOONE - CARROLL - KENTON COUNTIES

FED/STATE PROJECT NUMBER 121GR07P081-FE01

LETTING DATE: June 22, 2007

Sealed Bids will be received in the Division of Construction Procurement and/or the Auditorium located on the 1st floor of the Transportation Cabinet Office Building until 10:00 AM EASTERN DAYLIGHT TIME June 22, 2007. 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 - 072299

ADMINISTRATIVE DISTRICT - 06

PROJECT(S) IDENTIFICATION AND DESCRIPTION:

COUNTY - BOONE, CARROLL, KENTON
121GR07P081-FE01 RIGHT-OF-WAY FENCING ON I-75, I-71 AND I-275 IN DISTRICT 6

COUNTY - BOONE PES - MP00800710701
FE01 008 0071 074-075
COVINGTON-LOUISVILLE ROAD (I-71) BEGIN AT 0.37 MILES NORTH OF MCCOY'S FORK BRIDGE (MP 74.000) EXTENDING NORTHERLY TO 0.702 MILES N. OF MCCOY'S FORK BRIDGE (MP 74.340), A DISTANCE OF 0.34 MILES. MAINTENANCE.
GEOGRAPHIC COORDINATES LATITUDE 38^51'31" LONGITUDE 84^39'27"
AVERAGE DAILY TRAFFIC - 80952 AVERAGE MAINLINE WIDTH - 24.0 FEET

COUNTY - BOONE PES - MP00802750701
FE01 008 0275 001-011
COVINGTON-LAWRENCEBURG ROAD (I-275) BEGIN AT KENTON COUNTY LINE (MP 1.582) AND END AT KY 20 CONNECTOR UNDERPASS (MP 11.743), A DISTANCE OF 9.85 MILES. MAINTENANCE.
GEOGRAPHIC COORDINATES LATITUDE 39^04'07" LONGITUDE 84^41'14"
AVERAGE DAILY TRAFFIC - 80952 AVERAGE MAINLINE WIDTH - 36.0 FEET

COUNTY - CARROLL PES - MP02100710701
FE01 021 0071 050-051
COVINGTON-LOUISVILLE ROAD (I-71) BEGIN 0.25 MILES SOUTH OF GHENT-EAGLE STATION ROAD (MP 50.162) EXTENDING 0.20 MILES NORTH OF GHENT-EAGLE STATION ROAD (MP 50.862), A DISTANCE OF 0.70 MILES. MAINTENANCE.
GEOGRAPHIC COORDINATES LATITUDE 38^40'18" LONGITUDE 85^00'49"
AVERAGE DAILY TRAFFIC - 28073 AVERAGE MAINLINE WIDTH - 24.0 FEET

COUNTY - KENTON PES - MP05900750701
FE01 059 0075 184-190
COVINGTON-LEXINGTON ROAD (I-75) BEGIN AT I-275 (MP 184.708) EXT. NORTHERLY TO 1.0 MI. N. OF KY1072 (KYLES LN.) UNDERPASS (MP 189.678), A DISTANCE OF 4.97 MILES. MAINTENANCE.
GEOGRAPHIC COORDINATES LATITUDE 39^03'05" LONGITUDE 84^33'04"
AVERAGE DAILY TRAFFIC - 162582 AVERAGE MAINLINE WIDTH - 36.0 FEET

COUNTY - KENTON PES - MP05902750701
FE01 059 0275 001-002
COVINGTON-LAWRENCEBURG ROAD (I-275) BEGIN AT KY 1017 (TURFWAY ROAD) (MP 1.054) AND END AT BOONE COUNTY LINE (MP 1.582), A DISTANCE OF 0.53 MILES. MAINTENANCE.
GEOGRAPHIC COORDINATES LATITUDE 39^02'55" LONGITUDE 84^37'05"
AVERAGE DAILY TRAFFIC - 80952 AVERAGE MAINLINE WIDTH - 36.0 FEET

COMPLETION DATE(S) AND LIQUIDATED DAMAGES ESTABLISHED:

COMPLETION DATE - October 01, 2007
APPLIES TO ENTIRE CONTRACT
SEE STANDARD SPECIFICATIONS FOR LIQUIDATED DAMAGES

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)

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.

NATIONAL HIGHWAY

This project is on the *NATIONAL HIGHWAY SYSTEM*.

SPECIAL NOTES FOR RIGHT-OF-WAY FENCE

Perform all work in accordance with the Department's 2004 Standard Specifications, Standard and Sepia Drawings, and applicable Special Provisions except as specified herein. Article references are to the Standard Specifications. This project shall consist of furnishing all labor, equipment, materials, and incidentals for the following:

(1) Constructing right-of-way fence; (2) Maintaining and controlling traffic; and (3) any other work as specified by this contract.

II. MATERIALS

Except as specified in these notes, or elsewhere in the drawings or this proposal, furnish materials in accordance with the Standard Specifications. All materials shall be sampled and tested in accordance with the Department's Sampling Manual. Make 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. Fence. Provide Fence – Woven Wire Type 1 conforming to Section 816 of the Standard Specifications..

III. CONSTRUCTION METHODS

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

B. Constructing Fence. Construct the fence according to the requirements of Section 721 of the Standard Specifications at the following locations:

FE01 008 0071 074-075

Boone County, Milepoint 74.332

Woven wire fence shall be replaced at this location. This location is found on the northbound side of I-71 just south of the southbound loadometer station near a red barn. If openings in the fence are to be left overnight, temporary fence may need to be used. A farm is located on the other side of this fence and contact will be made with the property owner to advise them of the project. Advance notice will be needed to advise this property owner and potentially obtain a consent and release if access will be needed on that property. The beginning point and ending point can be clarified by the maintenance engineer below between 7:30 AM and 4:00 PM Monday thru Friday in advance of the project.

Matt Arlinghaus
Office: 859-341-2707, ext 252
Cell: 859-380-1157
Email: Matt.Arlinghaus@ky.gov

Name and Address of Adjacent Property Owner

Eddie Smith
1122 Stephenson Mill Rd (This is the address of the property, not the mailing address of the owner)

FE01 021 0071 050-051

Carroll County, Milepoint 50.522

Woven wire fence shall be replaced at this location. The maintenance engineer for Gallatin County can be contacted for exact location of this repair. If openings in the fence are to be left overnight, temporary fence may need to be used. A farm is located on the other side of this fence and contact will be made with the property owner to advise them of the project. Advance notice will be needed to advise this property owner and potentially obtain a consent and release if access will be needed on that property. The beginning point and ending point can be clarified by maintenance engineer listed below between 7:30 AM and 4:00 PM Monday thru Friday in advance of the project.

Jerry Easton
Office 859-341-2707, ext 250
Cell 859-750-7675
Email Jerry.Easton@ky.gov

FE01 059 0075 184-190

Kenton County, Milepoint 185.37

The chain link fence at this location is near the on ramp to I-275 between the southbound lanes of I-75 and KY 3076. The replacement shall be put back in the same alignment as it currently is located.

Kenton County, Milepoint 186.55

The chain link fence at this location is located along the entrance ramp to northbound I-75 in front of the office building for the Northern Kentucky Area Planning Commission (NKAPC). If the project cannot be feasibly accessed from I-75, the project engineer will obtain a consent and release to replace the fence from the parking lot of NKAPC.

Kenton County, Milepoint 188.15

The chain link fence at this location is located along southbound I-75 above the

retaining wall and along the parking lot for the Days Inn located on Dixie Highway (US 25). If access is needed to the parking lot of the Days Inn, the project engineer will obtain a consent and release to replace the fence from the said lot.

Kenton County, Milepoint 189.57

The chain link fence at this location is located on the hillside along the southbound lanes of I-75 between the 12th street entrance ramp and the Kyles Lane Interchange at exit 189.

If there are any questions regarding these locations, please contact the Maintenance Engineer below between 7:30 AM and 4:00 PM Monday thru Friday.

Matt Arlinghaus
Office 859-341-2707, ext 252
Cell 859-380-1157
Email: Matt.Arlinghaus@ky.gov

FE01 008 0275 001-011

Boone County, Milepoint 1.582

Woven wire fence at this location shall be moved 2 feet closer to I-275 to allow for future movement of guardrail along KY 3076. Only the fence that runs along KY 3076 shall be moved while the remaining length of fence at this location shall be replaced in the same location as current fence.

Boone County, Milepoint 10.48

Use caution at this location to avoid disturbing the patch of wildflowers planted in this area. Signs are posted around this planted area to avoid any equipment being placed or used on that planted area.

Any questions regarding these locations shall be addressed to the maintenance engineer listed below between 7:30 AM and 4:00 PM Monday thru Friday.

Matt Arlinghaus
Office: 859-341-2707, ext 252
Cell: 859-380-1157
Email: Matt.Arlinghaus@ky.gov

FE01 059 0275 001-002

Kenton County, Milepoint 1.170

Woven wire fence at this location shall be moved 2 feet closer to I-275 to allow for future movement of guardrail along KY 3076. Any questions regarding this issue shall be addressed to the Resident engineer or maintenance engineer. The beginning

milepoint at this location is approximate based on the noticeable change in condition at the fence. This run of fence ends at the county line which is posted along mainline I-275. The beginning point and relocation of the fence can be further clarified by contacting the maintenance engineer listed below between 7:30 AM and 4:00 PM Monday thru Friday.

Matt Arlinghaus
Office: 859-341-2707, ext 252
Cell: 859-380-1157
Email: Matt.Arlinghaus@ky.gov

C. Site Preparation. Be responsible for all site preparation. This item shall include, but is not limited, to clearing and grubbing, excavation and embankment, removal of obstructions or any other items, disposal of waste and debris, restoration of slopes, erosion control, seeding and protection and fence removal.

D. Final Dressing, Clean Up, and Seeding. After all work is completed, perform sow all disturbed earthen areas with Seed Mixture No. I.

E. Restoration. Restore all disturbed areas in like kind materials and design as directed by the Engineer. Positive drainage is required upon completion of the project and is the responsibility of the Contractor.

F. Property Damage. Be responsible for all damage to public and/or private property resulting from the work.

G. Disposal of Waste. Dispose of all removed concrete, fence, excess excavation, and other waste at approved sites off the right of way at sites obtained by the Contractor at no cost to the Department. No separate payment will be made for the disposal of waste and debris from the project, but shall be incidental to the other items of the work.

H. On-Site Inspection. Before submitting a bid for the work, make a thorough inspection of the site and determine existing conditions so that the work can be expeditiously performed after a contract is awarded. The Department will consider submission of a bid to be evidence of this inspection having been made. The Department will not honor any claims resulting from site conditions.

I. Right-of-Way Limits. Limit work activities to the Right-of-Way and work areas secured by the Department through Consent and Release of the adjacent property owners. Be responsible for all encroachments onto private lands.

J. Utility Clearance. Work around and do not disturb the existing 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. Be responsible for all utility damage that occurs as the result of the work or the Contractor's operations.

K. Caution. The information in this proposal and shown on the plans and the type of work listed herein are approximate only and are not to be taken as an accurate evaluation of the materials and conditions to be encountered during construction; the bidder must draw his own conclusions. The Department does not give any guarantee as to the accuracy of the data and no claim will be considered if the conditions encountered are not in accordance with the information shown.

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 Fence – Woven Wire Type 1.

V. BASIS OF PAYMENT

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

B. Fence – Woven Wire Type 1. Payment at the contract unit price shall be full compensation for all labor, materials, equipment and incidentals for installing woven wire fence

SPECIAL NOTE FOR PROJECT IDENTIFICATION SIGNS

When directed by the Engineer, install Project Identification Signs furnished by the Department at each end of the project. The signs furnished by the Department will be approximately 44" X 72" or 72" X 120" aluminum sign blanks with standard color reflective sheeting with the applicable county and project names affixed. The Engineer will determine the size and location of the signs, if any, to be used on the project(s) at the time of construction.

Pick up the signs to be furnished by the Department at the District Traffic Operations Facility. Furnish posts and hardware for mounting the signs. Install the signs at locations determined by the Engineer. Maintain the signs during the duration of the project. Upon completion of the work, remove the signs and return them to District Traffic Operations Facility. Retain possession of the posts and hardware.

The Department will measure installation of the Project Identification Signs in individual units, Each. Payment at the contract unit price Each shall be full compensation for all labor, materials, equipment, and incidentals required for picking up, installing, maintaining, and returning the project identification signs furnished by the Department.

<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>
20588NC	Install Project Identification Signs	Each

TRAFFIC CONTROL PLAN

TRAFFIC CONTROL GENERAL

Except as provided herein, traffic shall be maintained in accordance with the 2004 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.

PROJECT PHASING & CONSTRUCTION PROCEDURES

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

SHOULDER CLOSURES

The Contractor may close the shoulder during construction. All lanes of the mainline shall remain open at all times.

Shoulder closures shall NOT remain in place during non-working hours.

SIGNS

Contrary to Section 112.04.02 and 112.04.03, Low Shoulder signs will not be measured for payment, but will be incidental to Maintain and Control Traffic. 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.

BARRICADES

Barricades used in lieu of barrels and cones for channelization or delineation will be incidental to Maintain and Control Traffic according to Section 112.04.01. Barricades used to protect pavement removal areas will be bid as each according to Section 112.04.05.

VARIABLE MESSAGE SIGNS

Provide Variable 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, provide additional Variable Message Signs as determined by the Engineer. The locations designated may vary as the work progresses. Relocation of the variable message signs, regardless of how many times, will not be measured for payment, but shall be incidental to maintain and Control Traffic. In the event of damage or mechanical failure, repair or replace the Variable Message Sign within 24 hours.

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5/20/2007 6:56 PM

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

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STANDARD ABBREVIATIONS

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

<u>Word</u>	<u>Abbrev.</u>	<u>Example</u>
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

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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

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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

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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



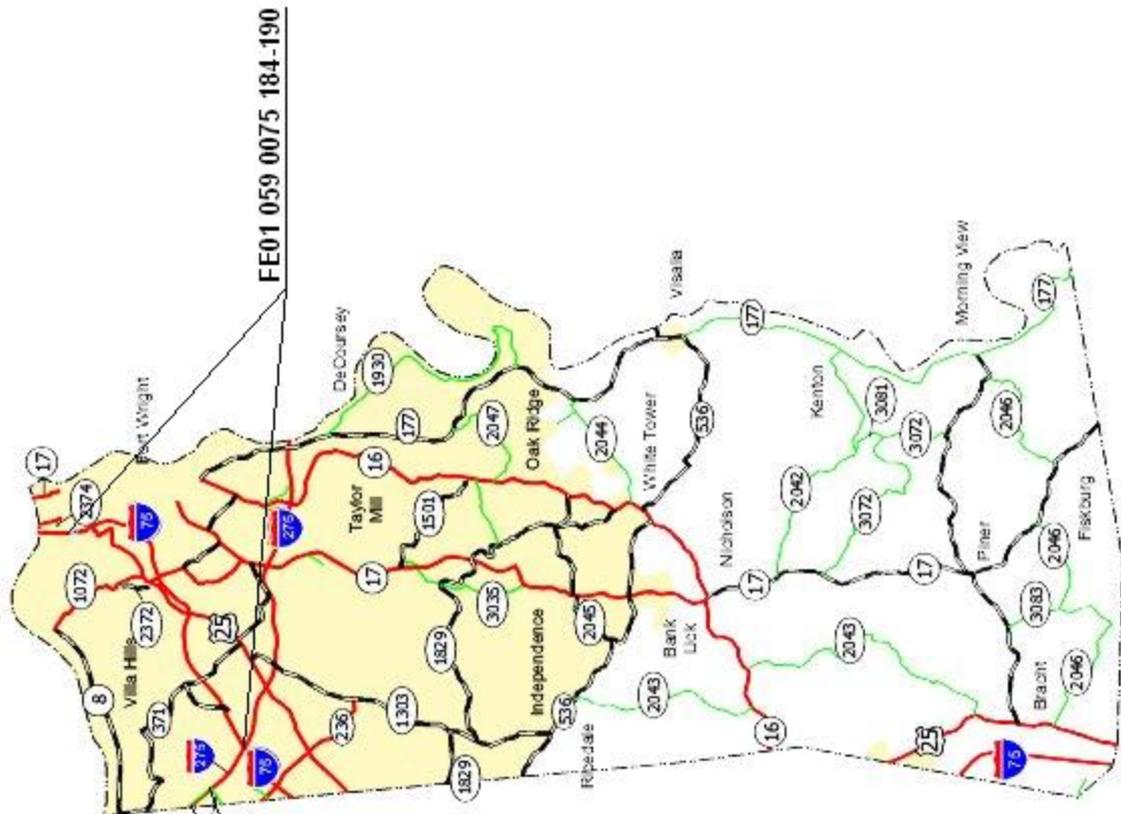
**DEPARTMENT OF HIGHWAYS
MAP OF
CARROLL COUNTY**



DEPARTMENT OF HIGHWAYS
MAP OF
KENTON COUNTY

FE01 059 0075 184-190

FE01 059 0275 001-002



MATERIAL SUMMARY

CONTRACT ID: 072299

FE01 008 0071 074-075 PES NO: MP00800710701
COVINGTON-LOUISVILLE ROAD (I-71) BEGIN AT 0.37 MILES NORTH OF MCCOY'S FORK BRIDGE
(MP 74.000) EXTENDING NORTHERLY TO 0.702 MILES N. OF MCCOY'S FORK BRIDGE (MP 74.340),
A DISTANCE OF 0.34 MILES.

LINE NO	BID CODE	DESCRIPTION	QUANTITY	UNIT
0010	02262	FENCE-WOVEN WIRE TYPE 1	700.00	LF
0020	02562	SIGNS	100.00	SQFT
0030	02650	MAINTAIN & CONTROL TRAFFIC FE01 008 0071 074-075	1.00	LS
0040	02671	VAR MESSAGE SIGN-PORT 3 LINE	1.00	EACH
0050	20588NC	INSTALL PROJECT IDENTIFICATION SIGNS	2.00	EACH
0060	02569	DEMOBILIZATION	1.00	LS

FE01 008 0275 001-011 PES NO: MP00802750701
COVINGTON-LAWRENCEBURG ROAD (I-275) BEGIN AT KENTON COUNTY LINE (MP 1.582) AND END
AT KY 20 CONNECTOR UNDERPASS (MP 11.743), A DISTANCE OF 9.85 MILES.

LINE NO	BID CODE	DESCRIPTION	QUANTITY	UNIT
0010	02262	FENCE-WOVEN WIRE TYPE 1	910.00	LF
0020	02562	SIGNS	100.00	SQFT
0030	02650	MAINTAIN & CONTROL TRAFFIC FE01 008 0275 001-011	1.00	LS
0040	02671	VAR MESSAGE SIGN-PORT 3 LINE	1.00	EACH
0050	20588NC	INSTALL PROJECT IDENTIFICATION SIGNS	2.00	EACH
0060	02569	DEMOBILIZATION	1.00	LS

FE01 021 0071 050-051 PES NO: MP02100710701
COVINGTON-LOUISVILLE ROAD (I-71) BEGIN 0.25 MILES SOUTH OF GHENT-EAGLE STATION ROAD
(MP 50.162) EXTENDING 0.20 MILES NORTH OF GHENT-EAGLE STATION ROAD (MP 50.862), A
DISTANCE OF 0.70 MILES.

LINE NO	BID CODE	DESCRIPTION	QUANTITY	UNIT
0010	02262	FENCE-WOVEN WIRE TYPE 1	4,000.00	LF
0020	02562	SIGNS	170.00	SQFT
0030	02650	MAINTAIN & CONTROL TRAFFIC FE01 021 0071 050-051	1.00	LS
0040	02671	VAR MESSAGE SIGN-PORT 3 LINE	1.00	EACH
0050	20588NC	INSTALL PROJECT IDENTIFICATION SIGNS	2.00	EACH
0060	02569	DEMOBILIZATION	1.00	LS

FE01 059 0075 184-190 PES NO: MP05900750701
COVINGTON-LEXINGTON ROAD (I-75) BEGIN AT I-275 (MP 184.708) EXT. NORTHERLY TO 1.0 MI.
N. OF KY1072 (KYLES LN.) UNDERPASS (MP 189.678), A DISTANCE OF 4.97 MILES.

LINE NO	BID CODE	DESCRIPTION	QUANTITY	UNIT
0010	02274	FENCE-6 FT CHAIN LINK	450.00	LF
0020	02562	SIGNS	170.00	SQFT
0030	02650	MAINTAIN & CONTROL TRAFFIC FE01 059 0075 184-190	1.00	LS
0040	02671	VAR MESSAGE SIGN-PORT 3 LINE	1.00	EACH
0050	20588NC	INSTALL PROJECT IDENTIFICATION SIGNS	2.00	EACH
0060	02569	DEMOBILIZATION	1.00	LS

MATERIAL SUMMARY

CONTRACT ID: 072299

FE01 059 0275 001-002 PES NO: MP05902750701
COVINGTON-LAWRENCEBURG ROAD (I-275) BEGIN AT KY 1017 (TURFWAY ROAD) (MP 1.054) AND
END AT BOONE COUNTY LINE (MP 1.582), A DISTANCE OF 0.53 MILES.

LINE NO	BID CODE	DESCRIPTION	QUANTITY	UNIT
0010	02262	FENCE-WOVEN WIRE TYPE 1	1,950.00	LF
0020	02562	SIGNS	170.00	SQFT
0030	02650	MAINTAIN & CONTROL TRAFFIC FE01 059 0275 001-002	1.00	LS
0040	02671	VAR MESSAGE SIGN-PORT 3 LINE	1.00	EACH
0050	20588NC	INSTALL PROJECT IDENTIFICATION SIGNS	2.00	EACH
0060	02569	DEMobilIZATION	1.00	LS

PART II

SPECIFICATIONS AND STANDARD DRAWINGS

**Supplemental Specifications to The Standard Specifications
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SUBSECTION: 105.07 COOPERATION WITH UTILITIES. REVISION: In the last paragraph, replace “KRS 367 Sections 1 through 10” with “KRS 367.4901 through 367.4917”
SUBSECTION: 108.01 SUBCONTRACTING OF CONTRACT. REVISION: Replace the second and third sentence of the first paragraph with the following: When the Engineer gives such consent, the Engineer will allow the Contractor to subcontract a portion, but the Contractor must perform with his own organization work amounting to no less than 30 percent of the total Contract cost. The Department will not allow any subcontractor to exceed the percentage to be performed by the Contractor and will require the Contractor to maintain a supervisory role over the entire project.
SUBSECTION: 109.07 PRICE ADJUSTMENT. REVISION: Replace the section with the following: 109.07 PRICE ADJUSTMENTS. Due to the fluctuating costs of petroleum products, the Department will adjust the compensation of specified liquid asphalt items and diesel fuel in contracts when contract quantity thresholds are met. 109.07.01 Liquid Asphalt. The Department will compare the Kentucky Average Price Index (KAPI), for the month that the Contract is let, to the index for the month that the Contractor places the material on the project to determine the percent change. When the original contract quantity for asphalt items is equal to or greater than 3,000 tons and when the average price of the liquid asphalt products increases or decreases more than 5 percent, the Department will adjust the Contractor’s compensation. The KAPI is calculated monthly using the average price, per ton at the terminal, from the active suppliers of liquid asphalt. <u>Adjustable Contract Items:</u> <ul style="list-style-type: none">• Asphalt Curing Seal• Asphalt Material for Prime• Asphalt Base, All Classes• Asphalt Binder• Asphalt Surface, All Classes• Sand Asphalt Surface• Asphalt Open-Graded Surface• Asphalt Seal Coat• Asphalt Mixture for Leveling and Wedging• Drainage Blanket - Type II - Asphalt The Department will determine the price adjustment using the following formulas: <u>When PC is greater than PL</u> Asphalt Price Adjustment = $(Q \times A)/100 \times PL \times [(PC-PL)/PL - 0.05]$ <u>When PC is less than PL</u> Asphalt Price Adjustment = $(Q \times A)/100 \times PL \times [(PC-PL)/PL + 0.05]$ Where: Q = Tons of material or mixture placed each month. A = Percent of material or mixture that is asphalt. PL = KAPI for the month that the Contract is let. PC = KAPI for the month that the Contractor places the material or mixture. The job-mix formula for asphalt base, binder, and surface mixtures determines “A”, which is the percent of asphalt. For recycled mixtures, the Department will determine the adjustment for the new asphalt cement only. The Department will consider materials for prime and seal as 100 percent asphalt.

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Revision
Continued

109.07.02 Fuel. The Department will adjust the Contractor's compensation when the average price of diesel fuel increases or decreases more than 5 percent and the original Contract quantity for the item on which the fuel is consumed is equal to or greater than the threshold quantities listed in the following table.

<u>Item</u>	<u>Threshold Quantity</u>	<u>Fuel/Work</u>
Roadway Excavation	10,000 cubic yards	0.25
Embankment-in-Place	10,000 cubic yards	0.25
Borrow Excavation	10,000 cubic yards	0.25
DGA Base or Crushed Stone Base	5,000 tons	0.52
Stabilized Aggregate Base	5,000 tons	0.52
Drainage Blanket, Cement Treated or Untreated	5,000 tons	0.52
Drainage Blanket, Asphalt Treated	5,000 tons	3.00
Crushed Sandstone Base (Cement Treated)	5,000 tons	0.52
Hot-Mixed Asphalt Mixtures for Pavements or Shoulders	3,000 tons ⁽¹⁾	3.00
PCC Pavement, Base, or Shoulders	2,000 square yards ⁽²⁾	0.14

⁽¹⁾Total of all hot mixed asphalt Contract items.

⁽²⁾Total of all JPC pavement, JPC shoulder, and PCC base, Contract items.

The Department will determine the price adjustment using the following formulas:

When PC is greater than PL

$$\text{Fuel Price Adjustment} = Q \times F \times PL \times [(PC-PL)/PL - 0.05]$$

When PC is less than PL

$$\text{Fuel Price Adjustment} = Q \times F \times PL \times [(PC-PL)/PL + 0.05]$$

Where:

Q = Quantity for applicable item placed or performed that month.

F = The fuel to work unit ratio for each applicable item.

PL = Average reseller price of diesel fuel, excluding taxes, discounts, and superfund line items, in the Kentucky region for the month that the Contract is let.

PC = Average reseller price of diesel fuel, excluding taxes, discounts, and superfund line items, in the Kentucky region for the month that the Contractor uses the fuel on the project.

109.07.03 Payments and Deductions. When thresholds are met, the Department will adjust the Contractor's compensation for each eligible pay item, paid or deducted, monthly.

If later price decreases indicate that the Department made an overpayment, the Department will withhold the overpayment from succeeding pay estimates on the project, or the Contractor shall immediately refund the over payment to the Department.

When the Contractor places materials during any month after the month that the Contract time (including all approved time extensions) expires, the Department will use the average price for the month that the Contractor places the material or the average price for the last month of the Contract time; whichever is least.

The Department will not grant a time extension for any overrun in the Contract amount due to payments made according to this section. The Department will not make any additional compensation due to adjustments made according to this section.

The Department will adjust the Contractor's compensation on the following months pay estimate and on the final pay estimate. The Department will make the final adjustment of the Contractor's compensation on the final estimate for the project.

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<p>SUBSECTION: 110.01 MOBILIZATION. REVISION: Replace the third paragraph with the following:</p>	<p>Do not bid an amount for Mobilization that exceeds 5 percent of the sum of the total amounts bid for all items in the Bid Proposal, excluding Mobilization, Demobilization, and contingent amounts established for adjustments and incentives. The Department will automatically adjust any bids in excess of this amount to 5 percent for bid comparisons. The Department will base the award on the maximum allowable bid of 5 percent. If any errors in unit bid prices for other Contract items in a Contractor's Bid Proposal are discovered after bid opening and such errors reduce the total amount bid for all other items, excluding Mobilization, Demobilization, and contingent amounts established for adjustments and incentives, so that the percent bid for Mobilization is larger than 5 percent, the Department will adjust the amount bid for Mobilization to 5 percent of the sum of the corrected total bid amounts.</p>						
<p>SUBSECTION: 110.02 DEMOBILIZATION. REVISION: Replace the first sentence of the third paragraph with the following:</p>	<p>Do not bid an amount for Demobilization that is less than 1.5 percent of the sum of the total amounts bid for all other items in the Bid Proposal, excluding Mobilization, Demobilization, and contingent amounts established for adjustments and incentives.</p>						
<p>SUBSECTION: 206.03.03 Compaction. REVISION: Replace "KM 64-412" with "KM 64-002"</p>							
<p>SUBSECTION: 206.04.01 Embankment-in-Place. REVISION: Replace the first sentence of the sixth paragraph with the following:</p>	<p>When payment is made for Embankment-in-Place, the Department will make payment for all embankment constructed on the project, including roadway embankment, refill in cuts, and embankment placed in embankment benches.</p>						
<p>SUBSECTION: 212.03.03 Permanent Seeding and Protection. PART: Delete Part C) and replace Parts A) and B) with the following: REVISION: A) Seed Mixtures for Permanent Seeding.</p>	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 5px;">Seed Mix Type I:</td> <td style="padding: 5px;"> 30% Kentucky 31 Tall Fescue (<i>Festuca arundinacea</i>) 20% Creeping Red Fescue (<i>Festuca rubra</i>) 35% Hard Fescue (<i>Festuca (Festuca longifolia)</i>) 10% Ryegrass, Perennial (<i>Lolium perenne</i>) 5% White Dutch Clover (<i>Trifolium repens</i>) </td> </tr> <tr> <td style="padding: 5px;">Seed Mix Type II:</td> <td style="padding: 5px;"> 55% Kentucky 31 Tall Fescue (<i>Festuca arundinacea</i>) 15% Ryegrass, Perennial (<i>Lolium perenne</i>) 15% (based on pure live seed, PLS) Little Bluestem (<i>Schizachyrium scoparium</i>) 15% Crown Vetch (<i>coronilla varia</i>) </td> </tr> <tr> <td style="padding: 5px;">Seed Mix Type III:</td> <td style="padding: 5px;"> 40% Kentucky 31 Tall Fescue (<i>Festuca arundinacea</i>) 15% Perennial Ryegrass <i>Lolium perenne</i>) 20% Sericea Lespedeza (<i>Lespedeza cuneata</i>) 25% (based on pure live seed, PLS) Little Bluestem (<i>Schizachyrium scoparium</i>) </td> </tr> </table> <ol style="list-style-type: none"> 1) Permanent Seeding on Slopes 3:1 or Less. Apply seed mix Type I at a minimum application rate of 100 pounds per acre. 2) Permanent Seeding on Slopes Greater than 3:1 in Highway Districts 4, 5, 6, and 7. Apply seed mix Type II at a minimum application rate of 100 pounds per acre plus a nurse crop of either Cereal Rye or German Foxtail-Millet based on the time of year. During the months of June through August, apply 10 pounds of German Foxtail-Millet (<i>Setaria italica</i>). During the months of September through May, apply 56 pounds of Cereal Rye (<i>Secale cereale</i>). If adjacent to golf courses replace the crown vetch with Kentucky 31 Tall Fescue 	Seed Mix Type I:	30% Kentucky 31 Tall Fescue (<i>Festuca arundinacea</i>) 20% Creeping Red Fescue (<i>Festuca rubra</i>) 35% Hard Fescue (<i>Festuca (Festuca longifolia)</i>) 10% Ryegrass, Perennial (<i>Lolium perenne</i>) 5% White Dutch Clover (<i>Trifolium repens</i>)	Seed Mix Type II:	55% Kentucky 31 Tall Fescue (<i>Festuca arundinacea</i>) 15% Ryegrass, Perennial (<i>Lolium perenne</i>) 15% (based on pure live seed, PLS) Little Bluestem (<i>Schizachyrium scoparium</i>) 15% Crown Vetch (<i>coronilla varia</i>)	Seed Mix Type III:	40% Kentucky 31 Tall Fescue (<i>Festuca arundinacea</i>) 15% Perennial Ryegrass <i>Lolium perenne</i>) 20% Sericea Lespedeza (<i>Lespedeza cuneata</i>) 25% (based on pure live seed, PLS) Little Bluestem (<i>Schizachyrium scoparium</i>)
Seed Mix Type I:	30% Kentucky 31 Tall Fescue (<i>Festuca arundinacea</i>) 20% Creeping Red Fescue (<i>Festuca rubra</i>) 35% Hard Fescue (<i>Festuca (Festuca longifolia)</i>) 10% Ryegrass, Perennial (<i>Lolium perenne</i>) 5% White Dutch Clover (<i>Trifolium repens</i>)						
Seed Mix Type II:	55% Kentucky 31 Tall Fescue (<i>Festuca arundinacea</i>) 15% Ryegrass, Perennial (<i>Lolium perenne</i>) 15% (based on pure live seed, PLS) Little Bluestem (<i>Schizachyrium scoparium</i>) 15% Crown Vetch (<i>coronilla varia</i>)						
Seed Mix Type III:	40% Kentucky 31 Tall Fescue (<i>Festuca arundinacea</i>) 15% Perennial Ryegrass <i>Lolium perenne</i>) 20% Sericea Lespedeza (<i>Lespedeza cuneata</i>) 25% (based on pure live seed, PLS) Little Bluestem (<i>Schizachyrium scoparium</i>)						

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revision continued	<p>3) Permanent Seeding on Slopes Greater than 3:1 in Highway Districts 1, 2, 3, 8, 9, 10, 11, and 12. Apply seed mix Type III at a minimum application rate of 100 pounds per acre plus a nurse crop of either Cereal Rye or German Foxtail-Millet based on the time of year. During the months of June through August, apply 10 pounds of German Foxtail-Millet (<i>Setaria italica</i>). During the months of September through May, apply 56 pounds of Cereal Rye (<i>Secale cereale</i>). If adjacent to crop land or golf course replace the <i>Sericea Lespedeza</i> with Kentucky 31 Tall Fescue.</p> <p>B) Procedures for Permanent Seeding. Include a seeding plan in the Best Management Practices plan (BMP) according to Section 213. Prepare a seedbed and incorporate fertilizer and agricultural limestone as needed. Do not apply dry agricultural Limestone when it may generate a traffic hazard. Remove all rock and dirt clods over 4 inches in diameter from the surface of the seedbed. Unless the Engineer directs otherwise, track all slopes 3:1 or greater. Ensure that tracking is performed up and down and not across. Native Grass seed should be calculated figuring seed on a pure live seed basis (PLS), using the least amount of inert matter available. Seed and mulch to produce a uniform vegetation cover using the seeding rates as indicated to each application. Mulch with clean, weed free straw. Place straw 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. For the periods of March 1 through May 15 and from September 1 through November 1, the Department will allow the option of using hydromulch at minimum rate of 1,500 pounds per acre in place of straw with tackifier. Regardless of materials used, ensure the protective cover holds until seeding is acceptably established according to part G) of this subsection.</p>
SUBSECTION: REVISION:	213.03.01 Best Management Practices (BMP). Replace the third sentence of the first paragraph with the following: Ensure that the BMP provides storage for 3,600 cubic feet of water per surface acre disturbed.
SUBSECTION: REVISION:	213.03.02 Progress Requirements. Add the following after the first sentence of the third paragraph: Seed and mulch areas at final grade within 14 days. Temporary mulch areas not at final grade if work stops for longer than 21 days. Temporary mulch soil stock piles within 14 days of the last construction activity in that area.
SUBSECTION: REVISION:	213.03.03 Inspection and Maintenance Replace both "0.1-inch" references with "0.5-inch". Add the following sentence to the end of the second paragraph: Initiate corrective action within 24 hours of any reported deficiency.
SUBSECTION: PART: REVISION:	213.03.05 Temporary Control Measures. B) Silt Checks. B) Silt Checks. Use one of the following types: <ol style="list-style-type: none"> 1) Silt Check Type II - Crushed stone such as cyclopean stone riprap, quarry run stone, or other size material approved by the Engineer, dumped in place and shaped to the configuration required. 2) Silt Check Type III - Blasted or broken rock dumped in place and shaped to the configuration required. <p>Remove and properly dispose of sediment deposited at silt checks as necessary. When no longer needed, remove the silt checks and dispose of surplus materials as excavated materials according to Section 204. Seed and protect the entire area disturbed, as directed. Do not leave silt checks in place after completion of the project unless allowed by the Engineer or specified in the Plans.</p>

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<p>SUBSECTION: 213.03.05 Temporary Control Measures. PART: F) Temporary Seeding and Protection. REVISION: Replace the first sentence with the following:</p>	<p>Apply seed mix Type I at a minimum application rate of 100 pounds per acre plus a nurse crop of either Cereal Rye or German Foxtail-Millet based on the time of year. During the months of June through August, apply 10 pounds of German Foxtail-Millet (<i>Setaria italica</i>). During the months of September through May, apply 56 pounds of Cereal Rye (<i>Secale cereale</i>). Obtain the Engineer's approval for the seed before use.</p>						
<p>SUBSECTION: 213.03.05 Temporary Control Measures. PART: G) Temporary Mulch. REVISION: Replace the last sentence with the following:</p>	<p>Place temporary mulch to an approximate 2-inch loose depth (2 tons per acre) and apply tackifier.</p>						
<p>SUBSECTION: 213.04.15 Temporary Silt Ditch. REVISION: Replace with the following:</p>	<p>The Department will measure the quantity in linear feet.</p>						
<p>SUBSECTION: 213.04 MEASUREMENT. REVISION: Add the following Subsection:</p>	<p>213.04.24 Clean Temporary Silt Ditch. The Department will measure the quantity in linear feet along the ditch line.</p>						
<p>SUBSECTION: 213.05 PAYMENT. REVISION: Add the following lines:</p>	<table border="0" style="width: 100%;"> <tr> <td style="width: 150px;">20594</td> <td>Temporary Silt Ditch</td> <td style="text-align: right;">Linear Foot</td> </tr> <tr> <td>20601</td> <td>Clean Temporary Silt Ditch</td> <td style="text-align: right;">Linear Foot</td> </tr> </table>	20594	Temporary Silt Ditch	Linear Foot	20601	Clean Temporary Silt Ditch	Linear Foot
20594	Temporary Silt Ditch	Linear Foot					
20601	Clean Temporary Silt Ditch	Linear Foot					
<p>SUBSECTION: 303.03.01 Mixture PART: C) Cement Treated Mixture. REVISION: Delete the "For asphalt pavements" from the second paragraph.</p>							
<p>SUBSECTION: 303.03.01 Mixture PART: C) Cement Treated Mixture. REVISION: Delete requirement "2".</p>							
<p>SUBSECTION: 402.03.02 Acceptance. PART: D) Testing Responsibilities. NUMBER: 4) Density. REVISION: Replace the first sentence of the third paragraph with the following:</p>	<p>For surface mixtures placed on driving lanes and ramps, furnish 2 cores per subplot to the nearest laboratory facility (Contractor or Department lab) for density determination by the Engineer.</p>						
<p>SUBSECTION: 402.03.02 Acceptance. PART: H) Unsatisfactory Work. NUMBER: 1) Based on Lab Data. REVISION: Replace the "AASHTO MP2" references in the second paragraph with "AASHTO M 323".</p>							
<p>SUBSECTION: 402.04 MEASUREMENT. REVISION: Replace the last sentence with the following:</p>	<p>The Department will not measure construction of rolled rumble strips or pavement wedge texturing for payment and will consider them incidental to the asphalt mixture.</p>						
<p>SUBSECTION: 402.04.01 Weight. REVISION: Replace first sentence of the second paragraph with the following:</p>	<p>The Department will determine the bulk, oven-dry specific gravity for the fine and coarse aggregates according to KM64-605 and AASHTO T 85, respectively.</p>						

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<p>SUBSECTION: 402.04.02 Thickness on New Construction. REVISION: Delete the third paragraph and add the following at the end of the subsection:</p>	<p>The Department will not measure initial thickness check coring or coring of corrective work for payment and will consider it incidental to the asphalt mixture.</p>												
<p>SUBSECTION: 402.05.02 PARTS: Lot Pay Adjustment Schedule, Compaction Option A, Base and Binder Mixtures Lot Pay Adjustment Schedule, Compaction Option A, Surface Mixtures Lot Pay Adjustment Schedule, Compaction Option B Mixtures REVISION: Replace the VMA table with the following:</p>	<table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="2" style="text-align: center;">VMA</th> </tr> <tr> <th style="text-align: center;">Pay Value</th> <th style="text-align: center;">Deviation From Minimum</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1.00</td> <td style="text-align: center;">≤ 0.5 below min. VMA</td> </tr> <tr> <td style="text-align: center;">0.95</td> <td style="text-align: center;">0.6-1.0 below min.</td> </tr> <tr> <td style="text-align: center;">0.90⁽²⁾</td> <td style="text-align: center;">1.1-1.5 below min.</td> </tr> <tr> <td style="text-align: center;">⁽¹⁾/₍₂₎</td> <td style="text-align: center;">> 1.5 below min.</td> </tr> </tbody> </table>	VMA		Pay Value	Deviation From Minimum	1.00	≤ 0.5 below min. VMA	0.95	0.6-1.0 below min.	0.90 ⁽²⁾	1.1-1.5 below min.	⁽¹⁾ / ₍₂₎	> 1.5 below min.
VMA													
Pay Value	Deviation From Minimum												
1.00	≤ 0.5 below min. VMA												
0.95	0.6-1.0 below min.												
0.90 ⁽²⁾	1.1-1.5 below min.												
⁽¹⁾ / ₍₂₎	> 1.5 below min.												
<p>SUBSECTION: 403.03.03 Preparation of Mixture. PART: A) Mixture Composition. REVISION: Replace the “AASHTO MP2” reference in the first paragraph with “AASHTO M 323”.</p>	<p>From the aggregate requirements list, delete 3) Type C.</p>												
<p>SUBSECTION: 403.03.03 Preparation of Mixture. PART: C) Mix Design Criteria. REVISION: Replace the “AASHTO MP2” references with “AASHTO M 323”.</p>	<p>Replace the “AASHTO PP28” references in the second paragraph with “AASHTO R 35”.</p>												
<p>SUBSECTION: 403.03.03 Preparation of Mixture. PART: C) Mix Design Criteria. NUMBER 1) Preliminary Mix Design. REVISION: Add the following footnote to the table and associate it with the ESAL’s field “<0.3”:</p>	<p>* For CL1 ASPH SURF 0.38D PG64-22 only.</p>												
<p>SUBSECTION: 403.03.06 Thickness Tolerances. PART: B) New Construction. REVISION: Replace the first paragraph with the following:</p>	<p>Under the Engineer’s supervision, perform coring for thickness checks according to KM 64-420, as soon as practical after completion of all, or a major portion, of the asphalt base. The Engineer will measure the cores. Fill all core holes either with compacted asphalt mixture or non-shrink grout. Complete all remedial overlay work before placing the final course.</p>												

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SUBSECTION: 403.03.08 Rumble Strips.
REVISION: Replace with the following:

403.03.08 Shoulder Rumble Strips and Pavement Wedge Texturing.

A) Shoulder Rumble Strips.

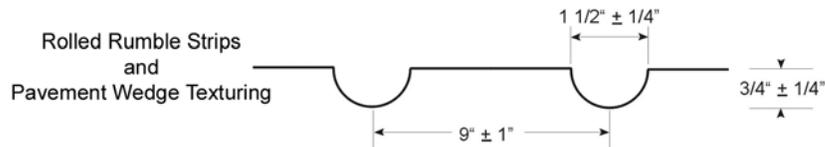
1) Interstates and Parkways. Construct sawed rumble strips on all mainline shoulders to the dimensions shown below. Do not place rumble strips on ramps.

2) Other Roads. Construct rolled rumble strips on shoulders of facilities with posted speed limits greater than 45 MPH. Unless specified in the plans or directed by the Engineer, do not construct rumble strips on facilities with posted speed limits of 45 MPH or less.

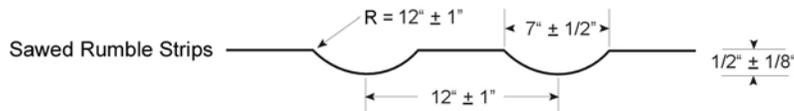
Construct rolled rumble strips on mainline shoulders to the dimensions shown below. On shoulders less than 3 feet wide, shorten the width and distance of the strips as the Engineer directs. Time the rolling operation so indentations are at the specified size and depth without causing unacceptable displacement of the asphalt mat. Correct unacceptable rolled rumble strips by sawing.

B) Pavement Wedge Texturing. Perform texturing on all pavement wedges constructed monolithically with the mainline or constructed using a surface mixture. When furnishing Asphalt Mixture for Pavement Wedge, binder, or a base mixture for the wedge, the Department will not require texturing.

Texture to the dimensions shown below. On wedges less than 3 feet, shorten the length and distance of the texturing as the Engineer directs. Time the rolling operation so indentations are at the specified size and depth without causing unacceptable displacement of the asphalt mat.



Place one foot out from the mainline pavement and to a width of 2 feet.



Place one foot out from the mainline pavement and to a width of 16 inches.

SUBSECTION: 403.04.03 Asphalt Mixtures.
REVISION: Replace the second sentence with the following:

The Department will not measure rolled rumble strips or pavement wedge texturing for payment and will consider them incidental to this bid item.

SUBSECTION: 403.04.07 Sawed Rumble Strips.
REVISION: Add the following subsection:

403.04.07 Sawed Rumble Strips. The Department will measure the quantity in linear feet. When rolled in rumble strips are specified, the Department will not measure sawed rumble strips for payment and will consider them incidental to the asphalt mixture.

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SUBSECTION:	403.05 PAYMENT						
REVISION:	Add the following bid item:						
	<table border="0"> <thead> <tr> <th align="left"><u>Code</u></th> <th align="left"><u>Pay Item</u></th> <th align="left"><u>Pay Unit</u></th> </tr> </thead> <tbody> <tr> <td>20362</td> <td>Shoulder Rumble Strips – Sawed</td> <td>Linear Foot</td> </tr> </tbody> </table>	<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>	20362	Shoulder Rumble Strips – Sawed	Linear Foot
<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>					
20362	Shoulder Rumble Strips – Sawed	Linear Foot					
SUBSECTION:	501.03.20 Opening to Public Traffic.						
REVISION:	Delete the last sentence of the first paragraph.						
SUBSECTION:	501.03.21 Tolerance in Pavement Thickness.						
REVISION:	Add the following: Core the pavement as the Engineer directs.						
SUBSECTION:	501.04.06 Thickness.						
REVISION:	Add the following: The Department will not measure coring for payment and will consider it incidental to the concrete pay items.						
SUBSECTION:	502.03 CONSTRUCTION.						
PART:	C) Curing and Protecting Pavement.						
NUMBER:	3)						
REVISION:	Replace the last sentence with the following: The Department will allow permanent removal of the cover when the concrete attains the required opening strength of 3,000 psi.						
SUBSECTION:	502.03 CONSTRUCTION.						
PART:	D) Strength Testing and Opening to Traffic.						
NUMBER:	2) Testing.						
REVISION:	Replace the second paragraph with the following: When the average compressive strength is 3,000 psi, the Department will allow the pavement to be opened to traffic and will test the remaining sets of cylinders at the required age. When the average compressive strength is less than 3,000 psi at the required age, do not open the pavement to traffic until the pavement has been in place for 7 days. The Engineer may accept the pavement based on additional testing.						
SUBSECTION:	503.03.09 Ride Quality.						
REVISION:	Replace parts 5) and 6) with the following: 5) Perform corrective work to achieve the required IRI by regrinding the entire width of the traffic lane at areas having a high IRI. The Engineer may exclude pavement areas where grinding alone will not correct deficiency. 6) The Department will create a strip chart when the test results show that the IRI is greater than 60 or upon request for lower IRI values.						
SUBSECTION:	601.03.02 Concrete Producer Responsibilities.						
REVISION:	Replace the first sentence with the following: Use a concrete producer from the List of Approved Materials when the quantity of concrete delivered to the project in a plastic condition is 250 cubic yards or more. Ensure that the concrete producer complies with the following requirements:						

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SUBSECTION: 601.03.02 Concrete Producer Responsibilities. PART: C) Quality Control. REVISION: Replace the first paragraph with the following: Take full responsibility for the batch weight calculations and quality control of concrete mixtures at the plant. Ensure that the Level II concrete technician is present when work is in progress and is responsible for inspecting trucks, batch weight calculations, monitoring batching, making mixture adjustments, reviewing the slump, air content and unit weight tests, and monitoring the concrete temperature, all to provide concrete to the project conforming to specifications. A Level I concrete technician is responsible for testing production material for slump, entrained air, unit weight and temperature of the mixture. Ensure the technician performs all sampling and testing according to the appropriate Kentucky Methods. Delete the third paragraph.
SUBSECTION: 601.03.02 Concrete Producer Responsibilities. PART: F) Records. REVISION: Retain all concrete technician records, test results and batch tickets pertaining to concrete produced for a Department project for at least 3 years after formal acceptance of the project. Make all records available to the Engineer and the Contractor on the project for review upon request.
SUBSECTION: 601.03.02 Concrete Producer Responsibilities. PART: G) Mix Designs. REVISION: Replace the last sentence of the first paragraph with the following: Before producing any concrete for the project, submit a proposed mixture design to the Engineer and obtain the District Materials engineer's or the Central Office Material's approval.
SUBSECTION: 601.03.02 Concrete Producer Responsibilities. PART: G) Mix Designs. NUMBER: 1) New Mixture Designs. REVISION: Replace the first sentence with the following: Base the proposed mix design on standard Department methods unless the District Materials Engineer, or Central Office Materials approves otherwise.
SUBSECTION: 601.03.02 Concrete Producer Responsibilities. PART: G) Mix Designs. NUMBER: 1) Changes in Approved Mix Designs. REVISION: Replace the second sentence with the following: The District Materials Engineer or Central Office Materials will provide an average value of the specific gravity aggregate absorption.
SUBSECTION: 601.03.02 Concrete Producer Responsibilities. PART: G) Mix Designs. NUMBER: 3) Changes in Approved Mix Designs. LETTER: g) REVISION: Replace the fourth and fifth sentence with the following: Central Office Materials will observe all phases of the trial batches. Have the producer submit a report containing mix proportions and test results for slump, air content, water/cement ratio, unit weight, and compressive strength for each trial batch to the Engineer for Central Office Materials review and approval.
SUBSECTION: 601.03.02 Concrete Producer Responsibilities. PART: G) Mix Designs. NUMBER: 2) Approval. REVISION: Replace the first sentence with the following: The District Materials Engineer or Central Office Materials will base approval of the mixture design on the following criteria:

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<p>SUBSECTION: 601.03.02 Concrete Producer Responsibilities. PART: G) Mix Designs. NUMBER: 3) Changes in Approved Mix Designs. REVISION: Replace the first sentence with the following:</p>	<p>Do not change the source of supply of the mixture ingredients without the District Materials Engineer's or Central Office Materials written permission.</p> <p>Replace the third sentence with the following:</p> <p>Upon the District Materials Engineer's or Central Office Materials written approval, the Department will allow the use of aggregate from the new source.</p>
<p>SUBSECTION: 601.03.03 Proportioning and Requirements. PART: A) Concrete. TABLE: INGREDIENT PROPORTIONS AND REQUIREMENTS FOR VARIOUS CLASSES OF CONCRETE REVISION: Under Class of Concrete replace "AAA⁽⁹⁾" with "AAA⁽⁸⁾"</p>	
<p>SUBSECTION: 601.03.03 Proportioning and Requirements. PART: A) Concrete. FOOTNOTE: (6) REVISION: Add the following after the first sentence of the first paragraph:</p>	<p>For products with voids, the slump may be increased to 7 inches.</p> <p>Replace the "0.3" requirement for Spring and Fall mix designs with "0.37".</p>
<p>SUBSECTION: 601.03.03 Proportioning and Requirements. PART: A) Concrete. FOOTNOTE: (7) REVISION: Replace with the following:</p>	<p>The precast fabricator may increase the slump of Class A concrete to a maximum of 7 inches provided the fabricator uses a high range water reducer (Type F and G) and maximum water/cement ratio of 0.46.</p>
<p>SUBSECTION: 601.03.03 Proportioning and Requirements. PART: E) Measuring. NUMBER: 3) Water. REVISION: Delete the last sentence of the second paragraph.</p>	
<p>SUBSECTION: 601.03.03 Proportioning and Requirements. PART: E) Measuring. NUMBER: 4) Measuring Admixtures. REVISION: Replace with the following:</p>	<p>4) Measuring Admixtures. Introduce liquid admixtures into the concrete batch along with, or as part of, the mixing water. Keep air-entraining admixtures completely separate from all other admixtures until introduction into the batch. Maintain and equip dispensing equipment to ensure no chlorides are introduced into any Department mix.</p> <p>Use approved dispensing equipment with a meter, gauge, or scale that can accurately be pre-set for the needed amount of admixture and can consistently deliver quantities of admixture to successive batches at any setting with satisfactory accuracy. The dispensing equipment must be visible to the batch operator if the actual dispensed amounts are not recorded on the computer batch ticket. Ensure admixture dispensers are inspected, calibrated and certified every 6 months.</p> <p>The Department may allow admixtures to be added, to the truck, at the project site provided the Engineer's approval is obtained first.</p>

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SUBSECTION: 601.03.04 Classes and Primary Uses. REVISION: Add the following part: R) Dry Cast. Precast units.
SUBSECTION: 601.03.05 Admixtures. REVISION: Replace the last sentence of the fourth paragraph with the following: Store admixtures where the liquid temperatures can be maintained between 32 and 110 °F.
SUBSECTION: 601.03.09 Placing Concrete. PART: D) Weather Limitations and Protection. REVISION: Delete the last sentence of paragraph two.
SUBSECTION: 605.03 CONSTRUCTION. REVISION: Insert the following sentence after the first sentence: Ensure all non-composite box beam concrete contains an approved corrosion inhibitor from the List of Approved Materials.
SUBSECTION: 605.03.03 Casting. REVISION: Delete the first sentence in the first paragraph. Add the following after the first sentence of the third paragraph: Do not vibrate Self-Consolidating Concrete (SCC).
SUBSECTION: 605.03.04 Tack welding. REVISION: Replace the first sentence with the following: When tack welding steel reinforcement, use ASTM A 706 steel and conform to the following conditions.
SUBSECTION: 605.03.04 Tack Welding. NUMBER: 3) REVISION: Replace the first sentence with the following: Tack weld only at intersections of bars except do not tack weld in any bend or within 2 bar diameters of a bend.
SUBSECTION: 605.03.04 Tack Welding. NUMBER: 5) REVISION: Replace the last sentence with the following: Each sample must meet the minimum requirement for elongation, ductility, tensile and yield strength of the bar stock.
SUBSECTION: 605.03.04 Tack Welding. NUMBER: 6) REVISION: Delete the last sentence.
SUBSECTION: 605.03.04 Tack Welding. REVISION: Change footnote “(4) (d)” to “(5)”
SUBSECTION: 605.03.07 Removal of Forms and Surface Finish. REVISION: Add the following sentence before the last sentence of the paragraph: Finish dry cast products according to the Precast/Prestressed Concrete Manual.
SUBSECTION: 611.02.01 Concrete. REVISION: Replace with the following: Conform to Subsections 601.02 and 601.03 and the Precast/Prestress Concrete Manual.
SUBSECTION: 611.03.02 Precast Unit Construction. REVISION: Replace “AASHTO C 1433” with “ASTM C 1433”

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SUBSECTION: NUMBER: REVISION:	611.03.02 Precast Unit Construction. 2) Replace with the paragraph with the following: Mark all box culverts sections with the following information on the inside top of each section with letters no less than 2 inches high: a) Span, rise, maximum and minimum design earth cover, and KY Table 3. b) Date of manufacture. c) Name and trademark of the manufacturer. For entrance and exit box sections, indent the required information. Mark interior sections by indenting or with waterproof paint.
SUBSECTION: PART: NUMBER: REVISION:	701.02.05 Backfill Materials. A) Granular Backfill. 1) Remove "A2" from the list of acceptable materials.
SUBSECTION: REVISION:	701.03.03 Pipe Bedding. Replace with the following: 701.03.03 Pipe Bedding. A) Reinforced Concrete Pipe. Construct bedding according to the Standard Drawings and this section. 1) Type 1 Installation. When working on a rock foundation, place bedding to a depth of 6 inches or equal to $Bc/12$, the pipe diameter in inches divided by 12, whichever is greater. For all other foundations, place a minimum of 4 inches of bedding. Shape the bedding to conform to the invert shape throughout the entire width and length of the proposed structure. Compact the bedding, but leave the center third of the pipe diameter ($Bc/3$) uncompacted. Place and compact additional bedding material in lifts 6 inches or less to an elevation of 0.30 the culvert diameter. 2) Type 4 Installation. When working on a rock foundation, place bedding to a depth of 6 inches or equal to $Bc/12$, the pipe diameter in inches divided by 12, whichever is greater. For all other foundations, place a minimum of 4 inches of bedding. B) Corrugated Metal, Thermoplastic, and Structural Plate Pipe. Place and compact bedding to provide 4 inches of bedding below the outside invert of the pipe after shaping. Shape the bedding to conform to the invert shape throughout the entire width and length of the proposed structure. Place and compact additional bedding material in lifts 6 inches or less to an elevation of 0.30 the culvert diameter.
SUBSECTION: PART: REVISION:	701.03.06 Initial Backfill. A) Reinforced Concrete Replace with the following: A) Reinforced Concrete Pipe. 1) Type 1 Installation. When the top of the pipe is not within one pipe diameter of the subgrade, backfill with granular backfill, additional bedding material, or flowable fill from the top of the bedding to an elevation equal to 1/2 the pipe diameter, and either granular backfill, flowable fill, or embankment material in 6-inch lifts to an elevation of one-foot above the pipe. 2) Type 4 Installation. Backfill from the top of the bedding with granular backfill, flowable fill, or embankment material in 6-inch lifts to an elevation of one-foot above the pipe. The Department will allow Type 4 installations for median drains and pipe installations located 35 feet or more from the edge of shoulder, back of curb, or any paved surface.

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SUBSECTION:	701.05 PAYMENT.
REVISION:	Replace bid item “2599 Fabric-Geotextile, Type IV Square Yard” with “21433ES214 Fabric-Geotextile, Type IV for Pipe Square Yard ⁽²⁾ ”
	Replace foot note “** The unit bid price is \$2.00 per square yard for Geotextile Fabric, Type III” with “ ⁽²⁾ The unit price is \$2.00 per square yard for Fabric-Geotextile, Type IV for Pipe”
SUBSECTION:	710.02.15 Plastic Adjusting Rings.
REVISION:	Replace this section with:
	710.02.15 Plastic or Rubber Adjusting Rings. Provide plastic or rubber adjusting rings that are on the Department’s List of Approved Materials.
SUBSECTION:	710.03.03 Adjusted Small Drainage Structures.
REVISION:	Replace the last sentence of the first paragraph:
	For plastic or rubber adjusting rings, install and seal according to the manufacturer’s recommendations.
SUBSECTION:	711.02 MATERIALS.
REVISION:	Replace with the following:
	Conform to the Contract requirements.
SUBSECTION:	713.03 CONSTRUCTION.
REVISION:	Add the following after the third paragraph:
	Offset longitudinal lines at least 2 inches from longitudinal pavement construction joints. Offset longitudinal lane lines on multi-lane highways 2 inches towards the median.
SUBSECTION:	714.03.06 Proving Period for Durable Markings.
PART:	B) Failure.
REVISION:	Replace the first sentence with the following:
	During the proving period, the Department will consider markings defective when the retroreflectivity falls below the minimum required or the material fails to meet the other requirements of A) above. Additionally, when more than 10 percent of any one-mile section or individual gore area is defective, the Department will consider the entire section defective.
SUBSECTION:	716.03.08 Testing.
REVISION:	Replace “10 megohms” with “100 megohms”
SUBSECTION:	721.03 CONSTRUCTION.
REVISION:	Replace the third paragraph with the following:
	Install fence 18 inches inside the right-of-way line or in other locations specifically indicated.
SUBSECTION:	723.03 CONSTRUCTION.
REVISION:	Replace the first sentence of the fourth paragraph with the following:
	Set right-of-way markers within 12 inches of the right-of-way line.
SUBSECTION:	724.02.01 Plants.
REVISION:	Replace the reference “American Association of Nurserymen” with “American Nursery and Landscape Association”.
SUBSECTION:	801.01 REQUIREMENTS.
REVISION:	Add the following sentence after the third sentence of the first paragraph:
	Mills must request and be approved by the Department to supply cement with an SO ₃ content above the value in Table 1 of ASTM C 150.
SUBSECTION:	804.01.03 Conglomerate Sand.
REVISION:	Replace second sentence of the paragraph with the following:
	Conglomerate sand may include some material which has been produced by crushing larger pieces of the parent material.

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SUBSECTION: 804.02 Approval. REVISION: Replace first sentence of the second paragraph with the following: The Department will consider a source for inclusion on the Aggregate Source List when the aggregate producer complies with KM 64-608 and provides the following:
SUBSECTION: 804.03 Concrete. REVISION: Second sentence in first paragraph should be a separate paragraph immediately following the first and should read as follows: Provide natural, crushed, or conglomerate sand. The Department will allow any combination of natural, crushed, or conglomerate sand when the combination is achieved in the concrete plant weigh hopper. The Engineer may allow other sands. Use natural or conglomerate sands as fine aggregates in concrete intended as a wearing surface for traffic. Conform to the following:
SUBSECTION: 804.04.03 Polish-Resistant Aggregate. REVISION: Add the following paragraph: Provide a signed certification from the aggregate producer for the manufactured polish-resistant fine aggregate stating that the aggregate is supplied from the approved parent material as found on the Department's List of Approved Materials, Polish-Resistant Aggregate Source List and Guidelines on the Division of Materials' webpage.
SUBSECTION: 804.04.04 Requirements for Combined Aggregates. PART: D) Absorption. REVISION: Delete the first sentence and replace the second sentence with the following: Provide total combined fine aggregates having a water absorption of no more than 4.0 percent.
SUBSECTION: 804.11 Sampling and Testing. REVISION: For Absorption (Fine Aggregate), replace method "AASHTO T 84" with "KM 64-605"
SUBSECTION: 805.02 Approval. REVISION: Replace first sentence of the second paragraph with the following: The Department will consider a source for inclusion on the Aggregate Source List when the aggregate producer complies with KM 64-608 and provides the following:
SUBSECTION: 805.04.01 JPC Base, JPC Pavement, JPC Shoulders, and Concrete for Bridge Decks. REVISION: Replace the subsection heading and first sentence with the following: 805.04.01 JPC Base, JPC Pavement, JPC Shoulders, Concrete for Bridge Decks, and Precast Products. Add the following paragraph: Provide a signed certification from the aggregate producer for the approved freeze-thaw coarse aggregate stating that the aggregate is supplied from the approved parent material as found on the Department's List of Approved Materials and Concrete Aggregate Restriction List.
SUBSECTION: 805.04.01 JPC Base, JPC Shoulders, and Concrete for Bridge Decks. PART: 3) REVISION: Replace the "tests" with "test" in the last sentence.
SUBSECTION: 805.05.05 Polish-Resistant Aggregate. REVISION: Add the following paragraph: Provide a signed certification from the aggregate producer for the manufactured polish-resistant coarse aggregate stating that the aggregate is supplied from the approved parent material as found on the Department's List of Approved Materials, Polish-Resistant Aggregate Source List and Guidelines on the Division of Materials' webpage.

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SUBSECTION: REVISION:	805.13.01 Cyclopean Stone Riprap and Channel Lining Class III. Replace the subsection with the following: 805.13.01 Cyclopean Stone Riprap and/or Channel Lining Class III. Provide material meeting the general requirements of Section 805. Ensure that 100 percent passes through a square opening of 16 inches by 16 inches, and no more than 20 percent passes through square openings of 8 inches by 8 inches. The Department may allow stones of smaller sizes for filling voids in the upper surface and dressing to the proper slope.
SUBSECTION: TEST: REVISION:	806.03.01 General Requirements. Dynamic Shear Replace the 100% pay range "5,000-5,500" with "0-5,500"
SUBSECTION: REVISION:	806.03.03 Modification. Replace the first sentence with the following: Use only styrene-butadiene (SB) or styrene-butadiene-styrene (SBS) modifiers.
SUBSECTION: REVISION:	810.02 APPROVAL. Replace reference "KM 114" with "KM 115".
SUBSECTION: REVISION:	810.03.06 Identification and Markings. Delete the following text from the first paragraph: "When the manufacturer has more than one plant, include the plant letter assigned by the Division of Materials after the date of manufacture as follows: L-Louisville N-London" Delete the following paragraph: "The Department will not require the certification on the shipment approval form to be notarized. The Department will not require the information under "Pipe Data" on the approval form when the manufacture's shipment ticket is attached and contains the necessary information."
SUBSECTION: REVISION:	811.02.01 Requirements. Replace the subsection with the following: Furnish bar reinforcement for bridges, cast-in-place culverts, and cast-in-place retaining walls that conforms to ASTM A 615 (billet) or ASTM A 996 (rail). ASTM A 706 steel is acceptable with prior approval of the Division of Materials. Do not weld any steel bar reinforcement unless it is ASTM A 706 rebar. The Engineer will accept rail steel bar reinforcement in straight lengths only. Do not use rail steel reinforcement where field bending is allowed or required.
SUBSECTION: REVISION:	811.09.02 Dowel Bars. Replace the reference to "ASTM A 616" with "ASTM A 996" Insert the following sentence between the third and fourth sentence of the first paragraph: Broken or sheared ends are acceptable with prior approval of the Division of Materials.
SUBSECTION: REVISION:	811.06 BAR MATS. Replace the subsection with the following: Conform to ASTM A 184 and fabricate by welding deformed Grade 60 weldable bars.
SUBSECTION: REVISION:	811.09.02 Dowel Bars. Replace the first paragraph with the following: Furnish dowel bars that are plain round bars conforming to ASTM A 706, A 615, A 996, or A 617 with respect to mechanical properties only. Provide either Grade 40, 50 or 60 steel. Saw cut the free ends of the dowels and ensure that they are free of burrs or projections. Broken or sheared ends are acceptable with prior approval of the Division of Materials. Coat dowel bars according to AASHTO M 254 with the following exceptions for Type B coatings:

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SUBSECTION:	811.10.02 Epoxy Coating Material.																												
REVISION:	Replace both the reference to "ASTM D 3963 Annex" and "ASTM D 3963" with "AASHTO M 284".																												
SUBSECTION:	812.01.02 Hot-Rolled Carbon Steel Sheets and Strip of Structural Quality, Grade 33 (Corrugated Steel Plank for Bridge Floors).																												
REVISION:	Replace the reference to "ASTM A 570" with "ASTM A 1011"																												
SUBSECTION:	827.04 SEED.																												
REVISION:	Replace with the following: 827.04 SEED. Conform to the requirements outlined in the "Kentucky Seed Law and Provisions for Seed Certification in Kentucky" and the "Regulations under the Kentucky Seed Law", with following exceptions: <ol style="list-style-type: none"> 1) Obtain seed only through registered dealers that are permitted for labeling of seed. 2) Ensure all deliveries and shipments of premixed seed are accompanied with a master blend sheet. 3) Ensure all bags and containers have an acceptable seed tag attached. 4) The Department may sample the seed at the job site at any time. <p>Do not use seed (grasses, native grasses, and legumes) if the weed seed is over one percent, total germination (including hard seed) is less than 80 percent, if the seed test date is over 9 months old exclusive of the month tested, or if the limits of noxious weed seed is exceeded.</p> <p>Ensure that noxious weed seeds contained in any seed or seed mixture does not exceed the maximum permitted rate of occurrence per pound.</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Name of Kind</u></th> <th style="text-align: right;"><u>Max. No. Seeds (per pound)*</u></th> </tr> </thead> <tbody> <tr> <td>Balloon Vine (<i>Cardiospermum halicacabum</i>)</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Purple Moonflower (<i>Ipomoea turbinata</i>)</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Canada Thistle (<i>Cirsium Arvense</i>)</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Johnsongrass (<i>Sorghum halepense</i> and <i>Sorghum almum</i> and perennial rhizomatous derivatives of these species)</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Quackgrass (<i>Elytrigia Repens</i>)</td> <td style="text-align: right;">0</td> </tr> <tr> <td>Annual Bluegrass (<i>Poa annua</i>)</td> <td style="text-align: right;">120</td> </tr> <tr> <td>Buckhorn Plantain (<i>Plantago lanceolata</i>)</td> <td style="text-align: right;">120</td> </tr> <tr> <td>Corncockle (<i>Agrostemma githago</i>)</td> <td style="text-align: right;">18</td> </tr> <tr> <td>Dodder (<i>Cuscuta</i> spp.)</td> <td style="text-align: right;">18</td> </tr> <tr> <td>Giant Foxtail (<i>Setaria faberii</i>)</td> <td style="text-align: right;">18</td> </tr> <tr> <td>Oxeye Daisy (<i>Chrysanthemum leucanthemum</i>)</td> <td style="text-align: right;">120</td> </tr> <tr> <td>Sorrel (<i>Rumex acetosella</i>)</td> <td style="text-align: right;">120</td> </tr> <tr> <td>Wild Onion and Wild Garlic (<i>Allium</i> spp.)</td> <td style="text-align: right;">18</td> </tr> </tbody> </table> <p>* Seed or seed mixtures that contain in excess of 120 total noxious seeds per pound is prohibited</p> <p>Wildflower seed shall not be planted until approved by the MCL.</p>	<u>Name of Kind</u>	<u>Max. No. Seeds (per pound)*</u>	Balloon Vine (<i>Cardiospermum halicacabum</i>)	0	Purple Moonflower (<i>Ipomoea turbinata</i>)	0	Canada Thistle (<i>Cirsium Arvense</i>)	0	Johnsongrass (<i>Sorghum halepense</i> and <i>Sorghum almum</i> and perennial rhizomatous derivatives of these species)	0	Quackgrass (<i>Elytrigia Repens</i>)	0	Annual Bluegrass (<i>Poa annua</i>)	120	Buckhorn Plantain (<i>Plantago lanceolata</i>)	120	Corncockle (<i>Agrostemma githago</i>)	18	Dodder (<i>Cuscuta</i> spp.)	18	Giant Foxtail (<i>Setaria faberii</i>)	18	Oxeye Daisy (<i>Chrysanthemum leucanthemum</i>)	120	Sorrel (<i>Rumex acetosella</i>)	120	Wild Onion and Wild Garlic (<i>Allium</i> spp.)	18
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Dodder (<i>Cuscuta</i> spp.)	18																												
Giant Foxtail (<i>Setaria faberii</i>)	18																												
Oxeye Daisy (<i>Chrysanthemum leucanthemum</i>)	120																												
Sorrel (<i>Rumex acetosella</i>)	120																												
Wild Onion and Wild Garlic (<i>Allium</i> spp.)	18																												

**Supplemental Specifications to The Standard Specifications
for Road and Bridge Construction, 2004 Edition**
(Effective with the May 25, 2007 Letting)

REQUIREMENTS FOR SEEDS			
	Purity (Min. %)	Germination (Min. %) Including Hard Seed and Dormant Seed	Hard Seed (Max. %) Allowed in Germination
Grasses			
Bentgrass (<i>Argrostis palustris</i>)	98	85	-
Bermudagrass, common (<i>Cynodon dactylon</i>)	97	85	-
Bluegrass, Kentucky (<i>Poa pratensis</i>)	98	85	-
Brome, smooth (<i>Bromus inermis</i>)	95	80	-
Canarygrass, reed (<i>Phalaris arundinacea</i>)	95	80	-
Fescue, chewings (<i>Festuca rubra</i> var. <i>commutata</i>)	97	85	-
Fescue, hard (<i>Festuca trachyphlla</i>)	97	85	-
Fescue, meadow (<i>Festuca elatior</i>)	97	85	-
Fescue, red (<i>Festuca rubra</i>)	97	85	-
Fescue, tall (<i>Festuca arundinacca</i>)	97	85	-
Orchardgrass (<i>Dactylis glomerata</i>)	97	85	-
Redtop (<i>Agrostic alba</i>)	95	80	-
Ryegrass, annual, common or Italian (<i>Lotium multiflorum</i>)	97	85	-
Ryegrass, perennial (<i>Lolium perenne</i>)	97	85	-
Lovegrass, Weeping (<i>Eragrostic curvula</i>)	96	80	-
Oat (<i>Avena Sativa</i>)	98	85	-
Rye (<i>Secale cereale</i>)	98	85	-
Timothy (<i>Phleum pratense</i>)	98	85	-
Wheat, common (<i>Triticum aestivum</i>)	98	85	-
Legumes			
Alfalfa (<i>Medicago sativa</i>)	98	85	25
Clover, alsike (<i>Trifolium hybridum</i>)	97	85	25
Clover, ladino (<i>Trifolium repens</i>)	98	85	25
Clover, white (<i>Trifolium repens</i>)	98	85	25
Crownvetch (<i>Coronilla varia</i>)	97	85	25
Lespedeza, Korean (<i>Lespedeza stipulacea</i>)	97	85	20
Lespedeza, Sericea (<i>Lespedeza cuneata</i>)	97	85	20
Sweetclover, white (<i>Melilotus alba</i>)	98	85	25
Sweetclover, yellow (<i>Melilotus officinalis</i>)	98	85	25
Trefoil, birdsfoot (<i>Lotus corniculatus</i>)	97	85	25
Native Grasses			
Little Bluestem (<i>Schizachyrium scoparium</i>)	85	80	-
Big Blustem (<i>Andropogon gerardii</i>)	85	80	-
Indian Grass (<i>Sorghastrum nutans</i>)	85	80	-
Switchgrass (<i>Panicum virgatum</i>)	85	80	-

**Supplemental Specifications to The Standard Specifications
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SUBSECTION: REVISION:	827.07 EROSION CONTROL BLANKET. Replace the subsection with the following: 827.07 EROSION CONTROL BLANKET. Use a blanket from the Department's List of Approved Materials. Blankets must be machine constructed with two-sided netting filled with curled wood fiber mat, straw, or a straw and coconut fiber combination. Ensure the blanket is smolder resistant without the use of chemical additives. A) Dimensions. Furnish in strips either 4 or 8 feet wide and at least 50 feet long. B) Weight. 1) Curled Wood Fiber. Ensure a minimum mass per unit area of 7.25 ounce per square yard according to ASTM D 6475. 2) Straw. Ensure a minimum mass per unit area of 7.5 ounce per square yard according to ASTM D 6475. 3) Straw/Coconut Fiber. Ensure a minimum mass per unit area of 6.75 pounds per square yard according to ASTM D 6475. C) Fill. Ensure the fill is evenly distributed throughout the blanket. 1) Curled Wood Fiber. Use curled wood fiber of consistent thickness with at least 80 percent of its fibers 6 inches or longer in length. 2) Straw. Use only weed free agricultural straw. 3) Straw/Coconut Fiber. Conform to the straw requirements above and ensure the coconut fiber is evenly distributed throughout the blanket and accounts for 30% or more of the fill. D) Netting. Use photodegradable extruded plastic mesh or netting, with a maximum spacing width of one inch square, on both sides of the blanket. Secure the netting by stitching or other method to ensure the blanket retains its integrity. E) Staples. Use steel wire U-shaped staples with a minimum diameter of 0.09 inches (11 gauge), a minimum width of one inch, and a minimum length of 6 inches. Use a heavier gauge when working in rocky or clay soils and longer lengths in sandy soils. Provide staples with colored tops when requested by the Engineer. F) Performance. 1) C-Factor. Ensure the ratio of soil loss from protected slope to ratio of soil loss from unprotected is ≤ 0.15 for a slope of 3:1 when tested according to ECTC method 2. 2) Shear Stress. Ensure the blanket can sustain a minimum shear stress of 1.75 pounds per square foot without physical damage or excess erosion (> 0.5 inches soil loss) when tested according to ECTC Method 3.
SUBSECTION: REVISION:	828.02 APPROVAL. Add the following: The Department will continue to include the masonry coatings on the list contingent upon receiving an annual certification containing the following information: 1) A statement that the masonry coating to be furnished during the particular calendar year is of the same composition as that previously approved for inclusion on the approved list. 2) A statement that the masonry coating conforms to the appropriate requirements of the Kentucky Standard Specifications for Road and Bridge Construction. 3) A statement that notification will be made to the Division of Materials of any changes in composition for review and approval before furnishing the material to projects.
SUBSECTION: TABLE: REVISION:	843.01.02 Acceptance Procedures for Non-Specification Fabric. GRAB STRENGTH PAYMENT REDUCTION Add the following note: The Department will use the lowest value of MACHINE and CROSS for the reduction calculation.

**Supplemental Specifications to The Standard Specifications
for Road and Bridge Construction, 2004 Edition**

(Effective with the May 25, 2007 Letting)

SUBSECTION: 844.02.01 Fly Ash. PART: 1) REVISION: Delete the last sentence.
SUBSECTION: 844.02.01 Fly Ash. REVISION: Replace the subsection with the following: 844.02.01 Fly Ash. Select from the Department's List of Approved Materials for fly ash sources. To be placed on the list, furnish samples and ASTM C 618 test data developed over the previous 3 months, and confirm to the requirements in KM 64-325.

STANDARD DRAWINGS THAT APPLY

TEMPORARY SILT FENCE	RDX-210-02
TEMPORARY SILT FENCE WITH WOVEN WIRE FENCE FABRIC	RDX-215
FENCING DETAILS	RFW-001-04
WOVEN WIRE FENCE TYPE 1	RFW-005-06
MISCELLANEOUS STANDARDS PART 1.....	RGX-001-04
SHOULDER CLOSURE	TTC-135
MISCELLANEOUS TRAFFIC CONTROL DEVICES	TTD-100
MISCELLANEOUS TRAFFIC CONTROL DEVICES	TTD-105
POST SPLICING DETAIL.....	TTD-110

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**

**WORKERS.....MINIMUM HOURLY
RATE.....\$5.15**

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

STATEMENT OF INCOMPLETE WORK

PART VI

BID ITEMS

TRANSPORTATION CABINET

Department of Highways

FRANKFORT, KY 40622

Sheet No: 1

Contract ID: 07-2299

VARIOUS COUNTIES

121GR07P081-FE01

Letting: 6/22/07

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	02262	FENCE-WOVEN WIRE TYPE 1	7,560.00	LF	.	.
0020	02274	FENCE-6 FT CHAIN LINK	450.00	LF	.	.
0030	02562	SIGNS	710.00	SQFT	.	.
0040	02650	MAINTAIN & CONTROL TRAFFIC FE01 008 0071 074-075	1.00	LS	.	.
0050	02650	MAINTAIN & CONTROL TRAFFIC FE01 008 0275 001-011	1.00	LS	.	.
0060	02650	MAINTAIN & CONTROL TRAFFIC FE01 021 0071 050-051	1.00	LS	.	.
0070	02650	MAINTAIN & CONTROL TRAFFIC FE01 059 0075 184-190	1.00	LS	.	.
0080	02650	MAINTAIN & CONTROL TRAFFIC FE01 059 0275 001-002	1.00	LS	.	.
0090	02671	VAR MESSAGE SIGN-PORT 3 LINE	5.00	EACH	.	.
0100	20588NC	INSTALL PROJECT IDENTIFICATION SIGNS	10.00	EACH	.	.
		DEMOBILIZATION			.	.
0110	02569	DEMOBILIZATION	1.00	LS	.	.
TOTAL BID					\$.

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:

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

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.