



**CALL NO. 322**

**CONTRACT ID. 172124**

**MONROE COUNTY**

**FED/STATE PROJECT NUMBER FD05 086 0163 000-009**

**DESCRIPTION CELINA ROAD (KY 163)**

**WORK TYPE ASPHALT RESURFACING**

**PRIMARY COMPLETION DATE 11/15/2017**

**LETTING DATE: April 28,2017**

Sealed Bids will be received electronically through the Bid Express bidding service until 10:00 AM EASTERN DAYLIGHT TIME April 28,2017. Bids will be publicly announced at 10:00 AM EASTERN DAYLIGHT TIME.

**NO PLANS ASSOCIATED WITH THIS PROJECT.**

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

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**PART I**

**SCOPE OF WORK**

**ADMINISTRATIVE DISTRICT - 03**

**CONTRACT ID - 172124**  
**FD05 086 0163 000-009**  
**COUNTY - MONROE**  
**PCN - MP08601631701**  
**FD05 086 0163 000-009**

CELINA ROAD (KY 163) (MP 0.000) BEGIN AT THE TENNESSEE STATE LINE EXTENDING NORTH TO THE  
INTERSECTION OF KY 100/KY 63 (MP 8.530), A DISTANCE OF 08.53 MILES.ASPHALT RESURFACING  
GEOGRAPHIC COORDINATES LATITUDE 36:39:49.00 LONGITUDE 85:38:46.00

**COMPLETION DATE(S):**  
COMPLETED BY 11/15/2017                      APPLIES TO ENTIRE CONTRACT

## **CONTRACT NOTES**

### **PROPOSAL ADDENDA**

All addenda to this proposal must be applied when calculating bid and certified in the bid packet submitted to the Kentucky Department of Highways. Failure to use the correct and most recent addenda may result in the bid being rejected.

### **BID SUBMITTAL**

Bidder must use the Department's Expedite Bidding Program available on the Internet web site of the Department of Highways, Division of Construction Procurement. ([www.transportation.ky.gov/construction-procurement](http://www.transportation.ky.gov/construction-procurement))

The Bidder must download the bid file located on the Bid Express website ([www.bidx.com](http://www.bidx.com)) to prepare a bid packet for submission to the Department. The bidder must submit electronically using Bid Express.

### **JOINT VENTURE BIDDING**

Joint venture bidding is permissible. All companies in the joint venture must be prequalified in one of the work types in the Qualifications for Bidders for the project. The bidders must get a vendor ID for the joint venture from the Division of Construction Procurement and register the joint venture as a bidder on the project. Also, the joint venture must obtain a digital ID from Bid Express to submit a bid. 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 shall make every effort to protect underground facilities from damage as prescribed in the Underground Facility Damage Protection Act of 1994, Kentucky Revised Statute KRS 367.4901 to 367.4917. It is the contractor's responsibility to determine and take steps necessary to be in compliance with federal and state damage prevention directives. When prescribed in said directives, the contractor shall submit Excavation Locate Requests to the Kentucky Contact Center (KY811) via web ticket entry. The submission of this request does not relieve the contractor from the responsibility of contacting non-member facility owners, whom shall be contacted through their individual Protection Notification Center. Non-compliance with these directives can result in the enforcement of penalties.

### **SPECIAL NOTE FOR COMPOSITE OFFSET BLOCKS**

Contrary to the Standard Drawings (2016 edition) the Cabinet will allow 6" composite offset blocks in lieu of wooden offset blocks, except as specified on proprietary end treatments and crash cushions. The composite blocks shall be selected from the Cabinet's List of Approved Materials.

### **REGISTRATION WITH THE SECRETARY OF STATE BY A FOREIGN ENTITY**

Pursuant to KRS 176.085(1)(b), an agency, department, office, or political subdivision of the Commonwealth of Kentucky shall not award a state contract to a person that is a foreign entity required by [KRS 14A.9-010](#) to obtain a certificate of authority to transact business in the Commonwealth (“certificate”) from the Secretary of State under [KRS 14A.9-030](#) unless the person produces the certificate within fourteen (14) days of the bid or proposal opening. If the foreign entity is not required to obtain a certificate as provided in [KRS 14A.9-010](#), the foreign entity should identify the applicable exception. Foreign entity is defined within [KRS 14A.1-070](#).

**For all foreign entities required to obtain a certificate of authority to transact business in the Commonwealth, if a copy of the certificate is not received by the contracting agency within the time frame identified above, the foreign entity’s solicitation response shall be deemed non-responsive or the awarded contract shall be cancelled.**

Businesses can register with the Secretary of State at <https://secure.kentucky.gov/sos/ftbr/welcome.aspx>.

### **SPECIAL NOTE FOR PROJECT QUESTIONS DURING ADVERTISEMENT**

Questions about projects during the advertisement should be submitted in writing to the Division of Construction Procurement. This may be done by fax (502) 564-7299 or email to [kytc.projectquestions@ky.gov](mailto:kytc.projectquestions@ky.gov). The Department will attempt to answer all submitted questions. The Department reserves the right not to answer if the question is not pertinent or does not aid in clarifying the project intent.

The deadline for posting answers will be 3:00 pm Eastern Daylight Time, the day preceding the Letting. Questions may be submitted until this deadline with the understanding that the later a question is submitted, the less likely an answer will be able to be provided.

The questions and answers will be posted for each Letting under the heading “Questions & Answers” on the Construction Procurement website ([www.transportation.ky.gov/contract](http://www.transportation.ky.gov/contract)). The answers provided shall be considered part of this Special Note and, in case of a discrepancy, will govern over all other bidding documents.

### **HARDWOOD REMOVAL RESTRICTIONS**

The US Department of Agriculture has imposed a quarantine in Kentucky and several surrounding states, to prevent the spread of an invasive insect, the emerald ash borer. Hardwood cut in conjunction with the project may not be removed from the state. Chipping or burning on site is the preferred method of disposal.

### **INSTRUCTIONS FOR EXCESS MATERIAL SITES AND BORROW SITES**

Identification of excess material sites and borrow sites shall be the responsibility of the Contractor. The Contractor shall be responsible for compliance with all applicable state and federal laws and may wish to consult with the US Fish and Wildlife Service to seek protection under Section 10 of the Endangered Species Act for these activities.

### **ACCESS TO RECORDS**

The contractor, as defined in KRS 45A.030 (9) agrees that the contracting agency, the Finance and Administration Cabinet, the Auditor of Public Accounts, and the Legislative Research Commission, or their duly authorized representatives, shall have access to any books, documents, papers, records, or other evidence, which are directly pertinent to this contract for the purpose of financial audit or program review. Records and other prequalification information confidentially disclosed as part of the bid process shall not be deemed as directly pertinent to the contract and shall be exempt from disclosure as provided in KRS 61.878(1)(c). The contractor also recognizes that any books, documents, papers, records, or other evidence, received during a financial audit or program review shall be subject to the Kentucky Open Records Act, KRS 61.870 to 61.884.

In the event of a dispute between the contractor and the contracting agency, Attorney General, or the Auditor of Public Accounts over documents that are eligible for production and review, the Finance and Administration Cabinet shall review the dispute and issue a determination, in accordance with Secretary's Order 11-004.

06/01/16

**SPECIAL NOTE FOR RECIPROCAL PREFERENCE**

**Reciprocal preference to be given by public agencies to resident bidders**

**By reference, KRS 45A.490 to 45A.494 are incorporated herein and in compliance regarding the bidders residency. Bidders who want to claim resident bidder status should complete the Affidavit for Claiming Resident Bidder Status along with their bid in the Expedite Bidding Program. Submittal of the Affidavit should be done along with the bid in Bid Express.**

03/01/2011

### **SURFACING AREAS**

The Department estimates the mainline surfacing width to be varied 22 to 48 feet.

The Department estimates the total mainline area to be surfaced to be 144,439 square yards.

The Department estimates the shoulder width to be varied 0.5 to 8 feet on each side.

The Department estimates the total shoulder area to be surfaced to be 14,466 square yards.

### **ASPHALT MIXTURE**

Unless otherwise noted, the Department estimates the rate of application for all asphalt mixtures to be 110 lbs/sy per inch of depth.

### **DGA BASE FOR SHOULDERS**

Unless otherwise noted, the Department estimates the rate of application for DGA Base for Shoulders to be 115 lbs/sy per inch of depth. The Department will not measure necessary grading and/or shaping of existing shoulders prior to placing of DGA Base, but shall be incidental to the Contract unit price per ton for DGA Base.

Accept payment at the Contract unit price per ton as full compensation for all labor, materials, equipment, and incidentals for grading and/or shaping of existing shoulders and furnishing, placing, and compacting the DGA Base.

### **INCIDENTAL SURFACING**

The Department has included in the quantities of asphalt mixtures established in the proposal estimated quantities required for resurfacing or surfacing mailbox turnouts, farm field entrances, residential and commercial entrances, curve widening, ramp gores and tapers, and road and street approaches, as applicable. Pave these areas to the limits as shown on Standard Drawing RPM-110-06 or as directed by the Engineer. In the event signal detectors are present in the intersecting streets or roads, pave the crossroads to the right of way limit or back of the signal detector, whichever is the farthest back of the mainline. Surface or resurface these areas as directed by the Engineer. The Department will not measure placing and compacting for separate payment but shall be incidental to the Contract unit price for the asphalt mixtures.

### **FUEL AND ASPHALT PAY ADJUSTMENT**

The Department has included the Contract items Asphalt Adjustment and Fuel Adjustment for possible future payments at an established Contract unit price of \$1.00. The Department will calculate actual adjustment quantities after work is completed. If existing Contract amount is insufficient to pay all items on the contract with the adjustments, the Department will establish additional monies with a change order.

### **OPTION B**

Be advised that the Department will control and accept compaction of asphalt mixtures furnished on this project under OPTION B in accordance with Sections 402 and 403.

## SPECIAL NOTE FOR PAVEMENT WEDGE AND SHOULDER MONOLITHIC OPERATION

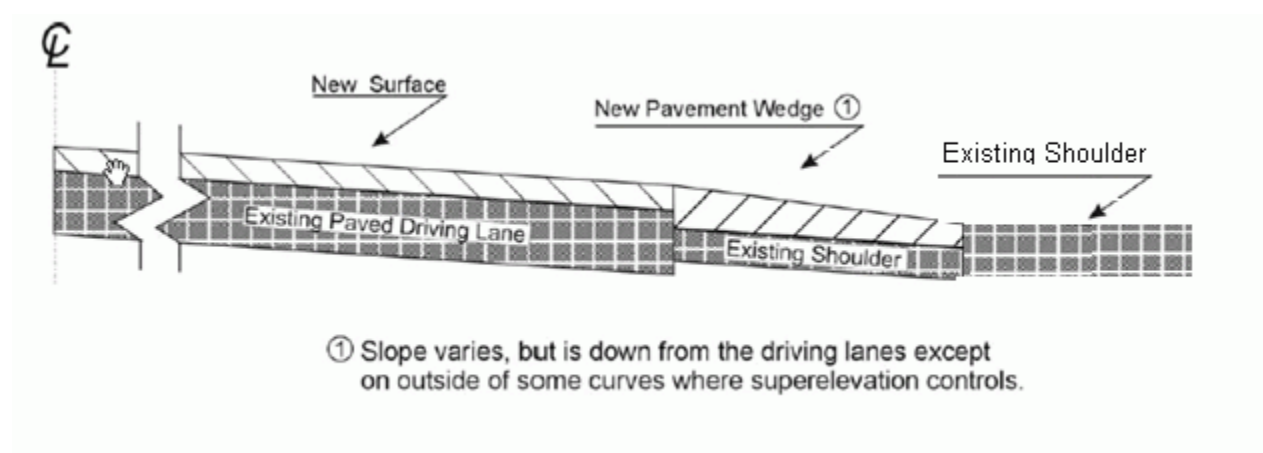
**1.0 MATERIALS.** Provide an Asphalt Surface Mixture conforming to Section 403 of the Standard Specifications, as applicable to the project, for the pavement wedge.

**2.0 CONSTRUCTION.** Place the specified Asphalt Surface Mixture on shoulders monolithically with the driving lane. Prime the existing shoulder with tack material as the Engineer directs before placing the wedge. Construct according to Section 403.03 of the Standard Specifications.

Equip the paver with a modified screed that extends the full width of the wedge being placed and is tapered to produce a wedge. Obtain the Engineer's approval of the modified screed before placing shoulder wedge monolithically with the driving lane.

The wedge may vary in thickness at the edge of the milled area in the shoulder. If the area to receive the shoulder wedge is milled prior to placement, during rolling operations pinch the outside edge of the new inlay wedge to match the existing shoulder elevation not being resurfaced. Unless required otherwise by the Contract, construct rolled or sawed rumble strips according to Section 403.03.08, as applicable.

The following sketch is primarily for the computation of quantities; however, the wedge will result in a similar cross-section where sufficient width exists. Do not construct a shoulder for placing the wedge unless specified elsewhere in the Contract.



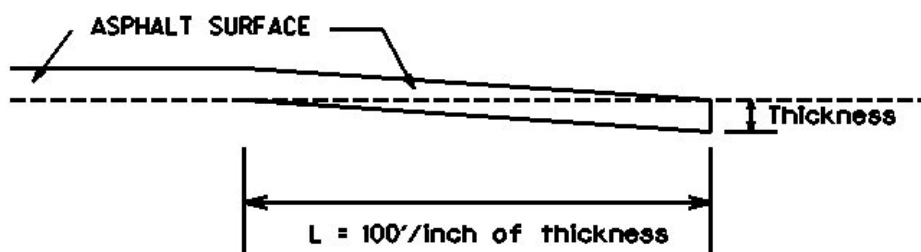
**3.0 MEASUREMENT.** The Department will measure Asphalt Surface Mixture placed as the pavement wedge according to Section 403.

**4.0 PAYMENT.** The Department will make payment for the completed and accepted quantities of Asphalt Surface Mixtures on pavement wedges according to Section 403.

## SPECIAL NOTE FOR EDGE KEY

Construct Edge Keys at the beginning of project, end of project, at railroad crossings, and at ramps, as applicable. Unless specified in the Contract or directed by the Engineer, do not construct edge keys at intersecting streets, roads, alleys, or entrances. Cut out the existing asphalt surface to the required depth and width shown on the drawing and heel the new surface into the existing surface. The Department will make payment for this work at the Contract unit price per ton for Asphalt Pavement Milling and Texturing, which shall be full compensation for all labor, materials, equipment, and incidentals for removal and disposal of the existing asphalt surface required to construct the edge key.

### EDGE KEY



Thickness = **1.0** Inches

L = **100** LF

L = Length of Edge Key

**SPECIAL NOTE FOR  
ASPHALT MILLING AND TEXTURING**

Begin paving operations within **48 hours** of commencement of the milling operation. Continue paving operations continuously until completed. If paving operations are not begun within this time period, the Department will assess liquidated damages at the rate prescribed by Section 108.09 until such time as paving operations are begun.

Take possession of the millings and recycle the millings or dispose of the millings off the Right-of-Way at sites obtained by the Contractor at no additional cost to the Department.

1-3520 48 hours Contractor keeps millings  
01/2/2012

## **SPECIAL NOTE FOR BASE FAILURE REPAIR**

Repair locations listed on the summary are approximate only. The Engineer will determine actual repair locations and dimensions at the time of construction. Prior to overall milling and/or leveling and wedging, excavate the designated base failure areas by milling to a depth 8 inches below the existing asphalt pavement surface level. Dispose of the excavated materials at waste sites off the Right-of-Way obtained by the Contractor at no additional cost to the Department. See Special Note for Waste and Borrow.

On the same day trench is excavated, backfill the excavated area with 8 inches of Class 2 Asphalt Base 1.00 D PG64-22 in 4 inch maximum courses up to the existing pavement surface. Line the bottom of Excavation in Type IV Geotextile Fabric before beginning placement of asphalt base. Compact the asphalt base to the compaction required in Section 403.03.10. Seal the asphalt base with leveling and wedging. Perform all base failure repairs in such a manner that removal and replacement are completed on the same day. Do this work as one of the Contractor's first operations in order to allow further compaction by traffic. Do not mill or place new asphalt surface over repaired base failure areas until a minimum of 7 calendar days have elapsed after placement of the asphalt base. After a minimum of 7 calendar days and when the Engineer determines the base failure repair areas have sufficiently stabilized, begin milling and/or resurfacing operations. Prior to milling and/or constructing the new asphalt surface, level and wedge any settlement of the repair areas.

The bidder must draw conclusions as to the conditions encountered. The Department does not give any guarantee as to the accuracy of the data and will not consider any claim for additional compensation if the materials encountered that are not in accord with the classification shown.

Accept payment at the Contract unit prices per square yard for Base Failure repair and per ton for Leveling and Wedging as full compensation for all labor, materials, equipment, and incidentals for removing pavement and disposing of the materials, furnishing and placing asphalt base, leveling and wedging, and all other items necessary to complete the work according to these notes to the satisfaction of the Engineer.

### **SPECIAL NOTE FOR TYPICAL SECTION DIMENSIONS**

Consider the dimensions shown on the typical sections for pavement and shoulder widths and thickness' to be nominal or typical dimensions. The Engineer may direct or approve varying the actual dimensions to be constructed to fit existing conditions. Do not widen existing pavement or shoulders unless specified elsewhere in this proposal or directed by the engineer.

1-3725 Typical Section Dimensions  
01/02/2012

## **TRAFFIC CONTROL PLAN**

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### **TRAFFIC CONTROL GENERAL**

Except as provided herein, maintain and control traffic in accordance with the Standard and Supplemental Specifications and the Standard and Sepia 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, furnish new, or used in like new condition, traffic control devices at the beginning of the work and maintain in like new condition until completion of the work.

### **PROJECT PHASING & CONSTRUCTION PROCEDURES**

#### **Construction for this project is not to begin until June 16<sup>th</sup>, 2017**

The Engineer may specify days and hours when lane closures will not be allowed.

At locations with three or more lanes, maintain one lane of traffic in each direction at all times during construction. At locations with two lanes, maintain alternating one way traffic during construction. Provide a minimum clear lane width of 11 feet; however, provide for passage of vehicles of up to 16 feet in width. If traffic should be stopped due to construction operations, and a school bus on an official run arrives on the scene, make provisions for the passage of the bus as quickly as possible.

### **LANE CLOSURES**

Do not leave lane closures in place during non-working hours.

### **SIGNS**

Sign posts and splices shall be compliant with NCHRP 350 or MASH. Manufacturer's documentation validating this compliance shall be provided to the Engineer prior to installation. Signs, including any splices, shall be installed according to manufacturer's specifications and installation recommendations. 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.

### **CHANGEABLE MESSAGE SIGNS**

If deemed necessary by the Engineer, the Department will furnish, operate, and maintain Changeable Message Signs.

Traffic Control Plan  
Page 2 of 3

## **ARROW PANELS**

Use arrow panels as shown on the Standard Drawings or as directed by the Engineer. The Department will measure for payment the maximum number of arrow panels in concurrent use at the same time on a single day on all sections of the contract. The Department will measure for payment the maximum number of Changeable Message Signs in concurrent use at the same time on a single day on all sections of the contract. The Department will measure individual Arrow Panels only once for payment, regardless of how many times they are set, reset, removed, and relocated during the duration of the project. The Department will not measure replacements for damaged Arrow Panels or for panels signs the Engineer directs be replaced due to poor condition or readability for payment. Retain possession of the Arrow Panels upon completion of the work.

## **BARRICADES**

The Department will not measure barricades used in lieu of barrels and cones for channelization or delineation, but shall be incidental to Maintain and Control Traffic according to Section 112.04.01.

The Department will measure barricades used to protect pavement removal areas in individual units Each. The Department will measure for payment the maximum number of barricades in concurrent use at the same time on a single day on all sections of the contract. The Department will measure individual barricades only once for payment, regardless of how many times they are set, reset, removed, and relocated during the duration of the project. The Department will not measure replacements for damaged barricades the Engineer directs to be replaced due to poor condition or reflectivity. Retain possession of the Barricades upon completion of construction.

## **PAVEMENT MARKINGS**

If there is to be a deviation from the existing striping plan, the Engineer will furnish the Contractor a striping plan prior to placement of the final surface course.

Install Temporary Striping according to Section 112 with the following exception:

If the Contractor's operations or phasing requires temporary markings that must subsequently be removed from the final surface course, use an approved removable lane tape; however, the Department will not measure removable lane tape for separate payment, but will measure and pay for removable lane tape as temporary striping.

Traffic Control Plan  
Page 3 of 3

## PAVEMENT EDGE DROP-OFFS

Do not allow a pavement edge between opposing directions of traffic or lanes that traffic is expected to cross in a lane change situation with an elevation difference greater than 1½". Place Warning signs (MUTCD W8-11 or W8-9A) in advance of and at 1500' intervals throughout the drop-off area. Dual post the signs on both sides of the traveled way. Wedge all transverse transitions between resurfaced and unresurfaced areas which traffic may cross with asphalt mixture for leveling and wedging. Remove the wedges prior to placement of the final surface course.

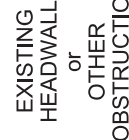
Protect pavement edges that traffic is not expected to cross, except accidentally, as follows:

Less than 2" - No protection required.

2" to 4" - Place plastic drums, vertical panels, or barricades every 50 feet. During daylight working hours only, the Engineer will allow the Contractor to use cones in lieu of plastic drums, panels, and barricades. Wedge the drop-off with DGA or asphalt mixture for leveling and wedging with a 1:1 or flatter slope in daylight hours, or 3:1 or flatter slope during nighttime hours, when work is not active in the drop-off area.

Greater than 4" - Protect drop-offs greater than 4 inches within 10 feet of traffic by placing drums, vertical panels, or barricades every 25 feet. The Engineer will not allow the use of cones in lieu of drums, vertical panels, or barricades for drop-offs greater than 4". Place Type III Barricades directly in front of the drop-off facing on coming traffic in both directions of travel. Provide warning signs as shown on the Standard Drawings or as directed by the Engineer

Pedestrians & Bicycles - Protect pedestrian and bicycle traffic as directed by the engineer.



EXISTING  
FILL SLOPE or  
DITCH FORESLOPE



1. DETAILS DO NOT APPLY TO OVERLAYS LESS THAN 1 INCH THICK.
2. THE DURABLE PAVEMENT EDGE DEVICE MAY BE DISENGAGED AT DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT, AS APPROVED BY THE ENGINEER.

DRAWING NOT TO SCALE



State Primary Road System  
**MONROE COUNTY**



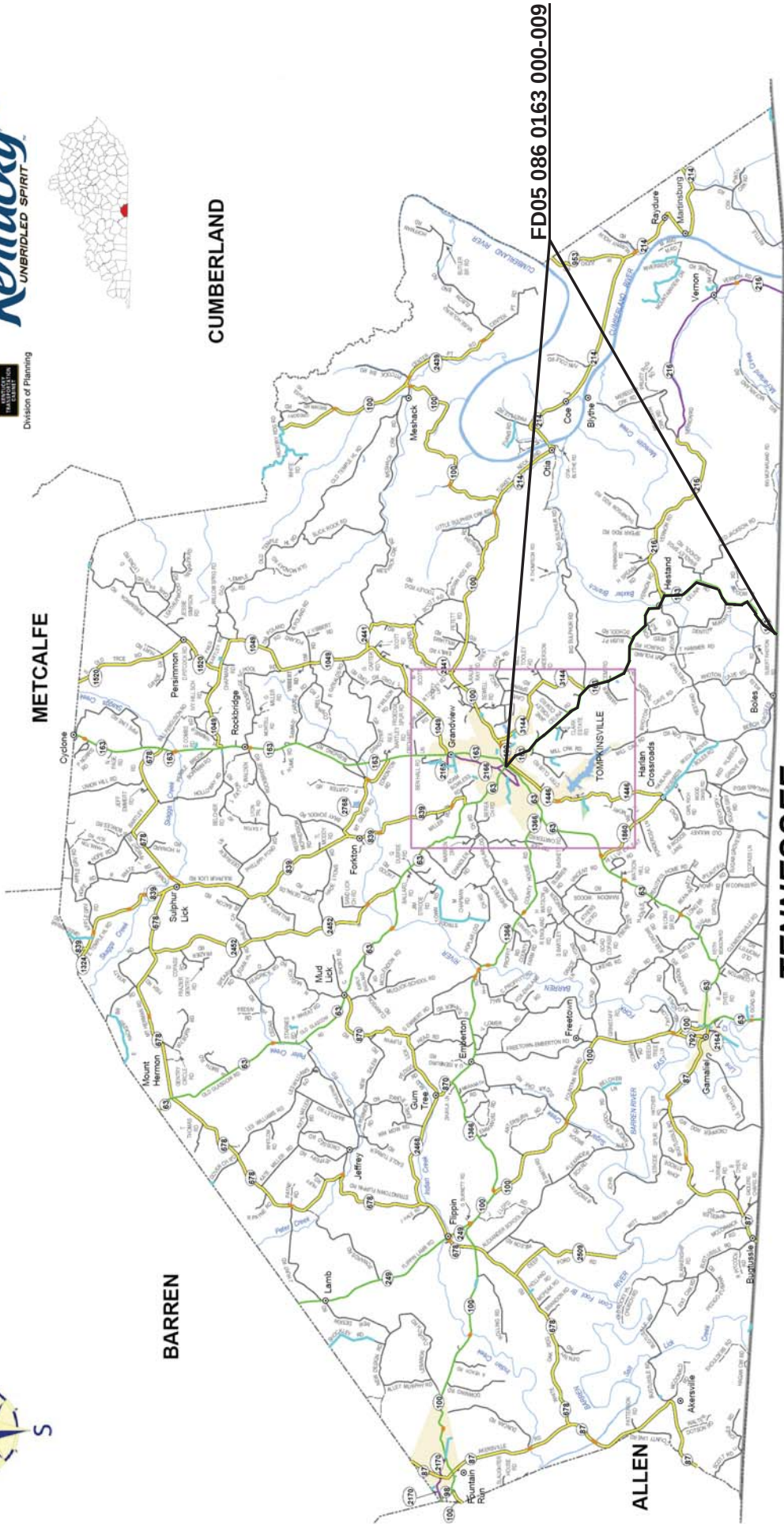
**METCALFE**

**BARREN**

**CUMBERLAND**

**ALLEN**

**TENNESSEE**



**FD05 086 0163 000-009**

# Monroe County

| MPT.  | INTERSECTION                | X-WALKS<br>6 INCH |  | STP BARS<br>24 INCH |      | CURVE |  | ARROWS |  | COMB |  | "STOP" |   | CATRAXX<br>6 INCH |  | "R" 6 FOOT |  | RAILROAD<br>CROSS BUCK 16" |  | NOTES |
|-------|-----------------------------|-------------------|--|---------------------|------|-------|--|--------|--|------|--|--------|---|-------------------|--|------------|--|----------------------------|--|-------|
|       |                             | LF                |  | LF                  |      | EA    |  | EA     |  | EA   |  | EA     |   | EA                |  | EA         |  | EA                         |  |       |
| 0.537 | Beech Groves-Boles Rd       |                   |  |                     | 15   |       |  |        |  |      |  |        |   |                   |  |            |  |                            |  |       |
| 0.948 | Woods Rd                    |                   |  |                     | 14   |       |  |        |  |      |  |        |   |                   |  |            |  |                            |  |       |
| 1.435 | Denton Murphy Lane          |                   |  |                     | 16   |       |  |        |  |      |  |        |   |                   |  |            |  |                            |  |       |
| 2.224 | Ned Jackson Rd              |                   |  |                     | 16   |       |  |        |  |      |  |        |   |                   |  |            |  |                            |  |       |
| 3.148 | J Thompson Rd               |                   |  |                     | 15   |       |  |        |  |      |  |        |   |                   |  |            |  |                            |  |       |
| 3.227 | KY 216                      |                   |  |                     | 12   |       |  |        |  |      |  |        | 1 |                   |  |            |  |                            |  |       |
| 3.386 | Hestand-Chesnut Grove Rd    |                   |  |                     | 14   |       |  |        |  |      |  |        |   |                   |  |            |  |                            |  |       |
| 4.016 | Reed Ford Rd                |                   |  |                     | 8    |       |  |        |  |      |  |        |   |                   |  |            |  |                            |  |       |
| 4.449 | Rush Point School Rd        |                   |  |                     | 17   |       |  |        |  |      |  |        |   |                   |  |            |  |                            |  |       |
| 4.671 | Mount Poland Church Rd      |                   |  |                     | 14   |       |  |        |  |      |  |        |   |                   |  |            |  |                            |  |       |
| 5.2   | Henson Rd                   |                   |  |                     | 18   |       |  |        |  |      |  |        |   |                   |  |            |  |                            |  |       |
| 5.589 | Hammer Cemetery Rd          |                   |  |                     | 8    |       |  |        |  |      |  |        |   |                   |  |            |  |                            |  |       |
| 6.153 | KY 3144                     |                   |  |                     | 31   |       |  |        |  |      |  |        | 1 |                   |  |            |  |                            |  |       |
| 6.306 | C Carlock Rd                |                   |  |                     | 12   |       |  |        |  |      |  |        |   |                   |  |            |  |                            |  |       |
| 6.793 | Jane Yokley Cemetary Rd     |                   |  |                     | 13   |       |  |        |  |      |  |        |   |                   |  |            |  |                            |  |       |
| 7.224 | Clark Estates Rd            |                   |  |                     | 15   |       |  |        |  |      |  |        |   |                   |  |            |  |                            |  |       |
| 7.660 | Rush Lane                   |                   |  |                     | 14   |       |  |        |  |      |  |        |   |                   |  |            |  |                            |  |       |
| 7.901 | Ford- Carter Rd             |                   |  |                     | 8    |       |  |        |  |      |  |        |   |                   |  |            |  |                            |  |       |
| 8.227 | Martin Subdivision          |                   |  |                     | 40   |       |  |        |  |      |  |        |   |                   |  |            |  |                            |  |       |
| 8.279 | School Drive/ Mill Creek Rd |                   |  |                     | 23   |       |  |        |  |      |  |        |   |                   |  |            |  |                            |  |       |
| 8.412 | School Drive                |                   |  |                     | 32   |       |  |        |  |      |  |        |   |                   |  |            |  |                            |  |       |
| 8.468 | Cherry St/ Crawford St      |                   |  |                     | 31   |       |  |        |  |      |  |        |   |                   |  |            |  |                            |  |       |
| 8.830 | KY 100/ KY 1466             |                   |  |                     | 60   |       |  |        |  |      |  |        |   |                   |  |            |  |                            |  |       |
|       |                             |                   |  |                     | 4416 |       |  |        |  |      |  |        | 2 |                   |  |            |  |                            |  |       |

Monroe County  
SIDEWALK RAMP AND DETECTABLE WARNING SUMMARY  
FD05 086 0163 000-009

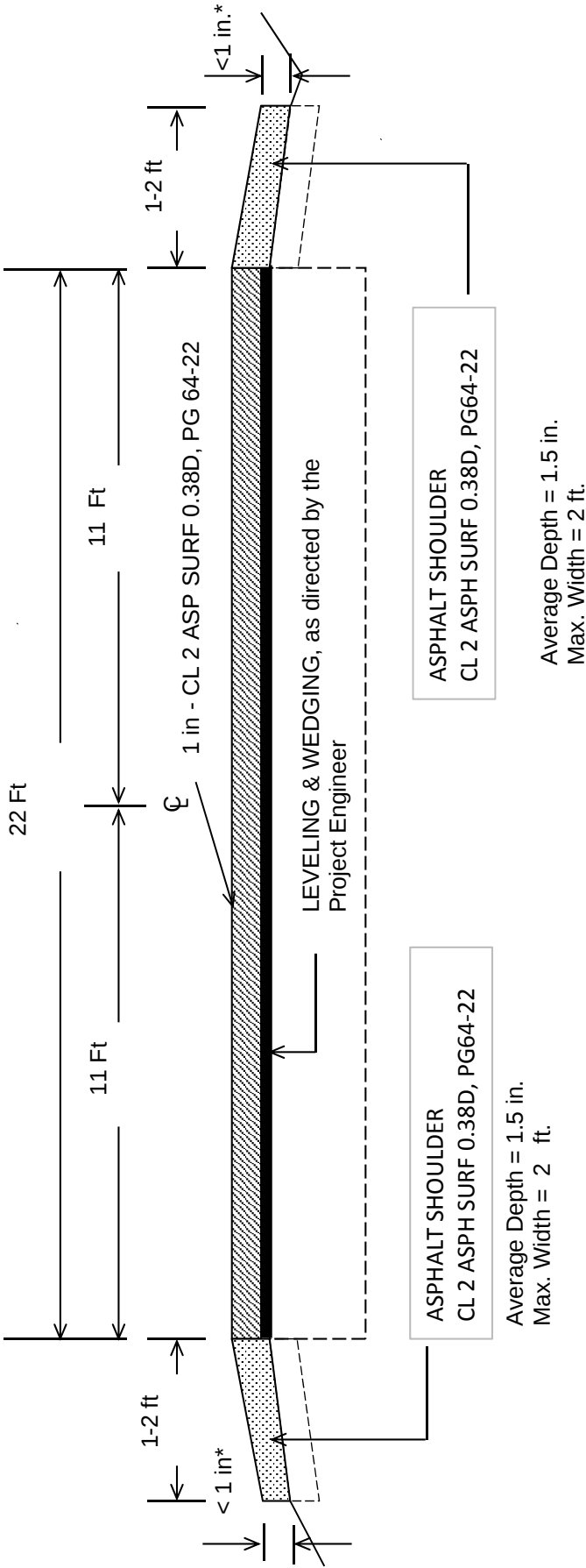
|       | KY 100/163/N Magnolia St | TIME<br>3 | SCH<br>8 | COUNTDOWN<br>8 | ST<br>8 | new installation detectable. |
|-------|--------------------------|-----------|----------|----------------|---------|------------------------------|
| 1     |                          |           |          |                |         |                              |
|       |                          |           |          |                |         |                              |
|       |                          |           |          |                |         |                              |
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|       |                          |           |          |                |         |                              |
|       |                          |           |          |                |         |                              |
|       |                          |           |          |                |         |                              |
| TOTAL |                          |           | 8        | 8              | 8       |                              |

[illegible]

[illegible]

Monroe COUNTY

FD05 086 0163 000-009  
TYPICAL SECTION  
MP's 0.00 - 3.738, 4.434 - 5.143, 5.705 - 8.467

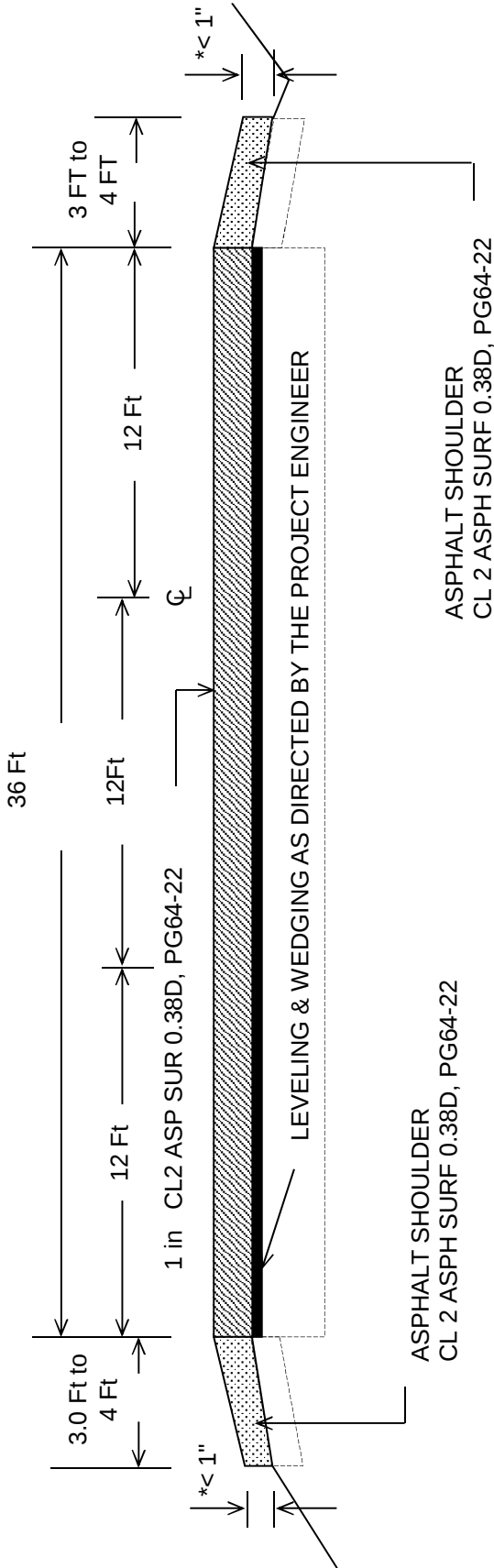


**\*Where Existing Site Conditions Permit**  
**\*DGA Base for pavement to shoulder Drops**

TYPICAL SECTION (3 LANE SECTION)

Monroe County  
FD05 086 163 000-0009

MP's 3.738-3.850, 4.150-4.434, 5.143-5.705



AVERAGE DEPTH = 1.5 inch  
MAXIMUM WIDTH = 4 Ft.

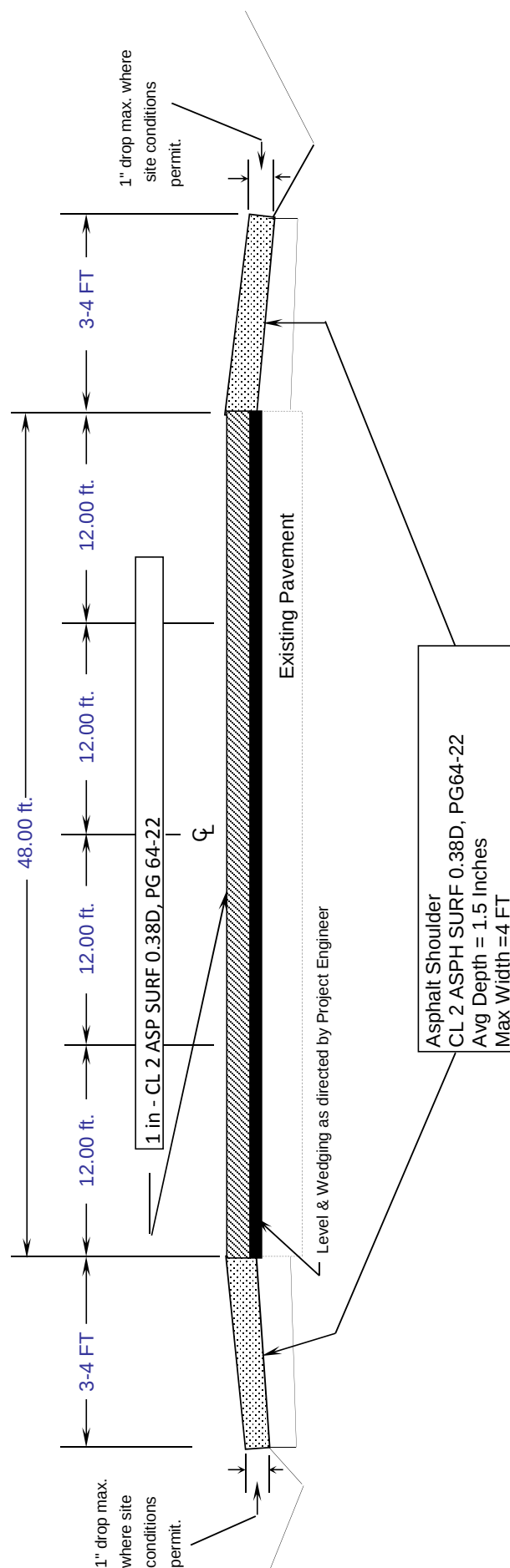
\*Where Existing Site Conditions Permit  
\*DGA Base for pavement to shoulder drop offs.

AVERAGE DEPTH = 1.5 Inches  
MAXIMUM WIDTH = 4 Ft.

Monroe County  
MP 3.850-4.150

Monroe County  
MP 3.850-4.150

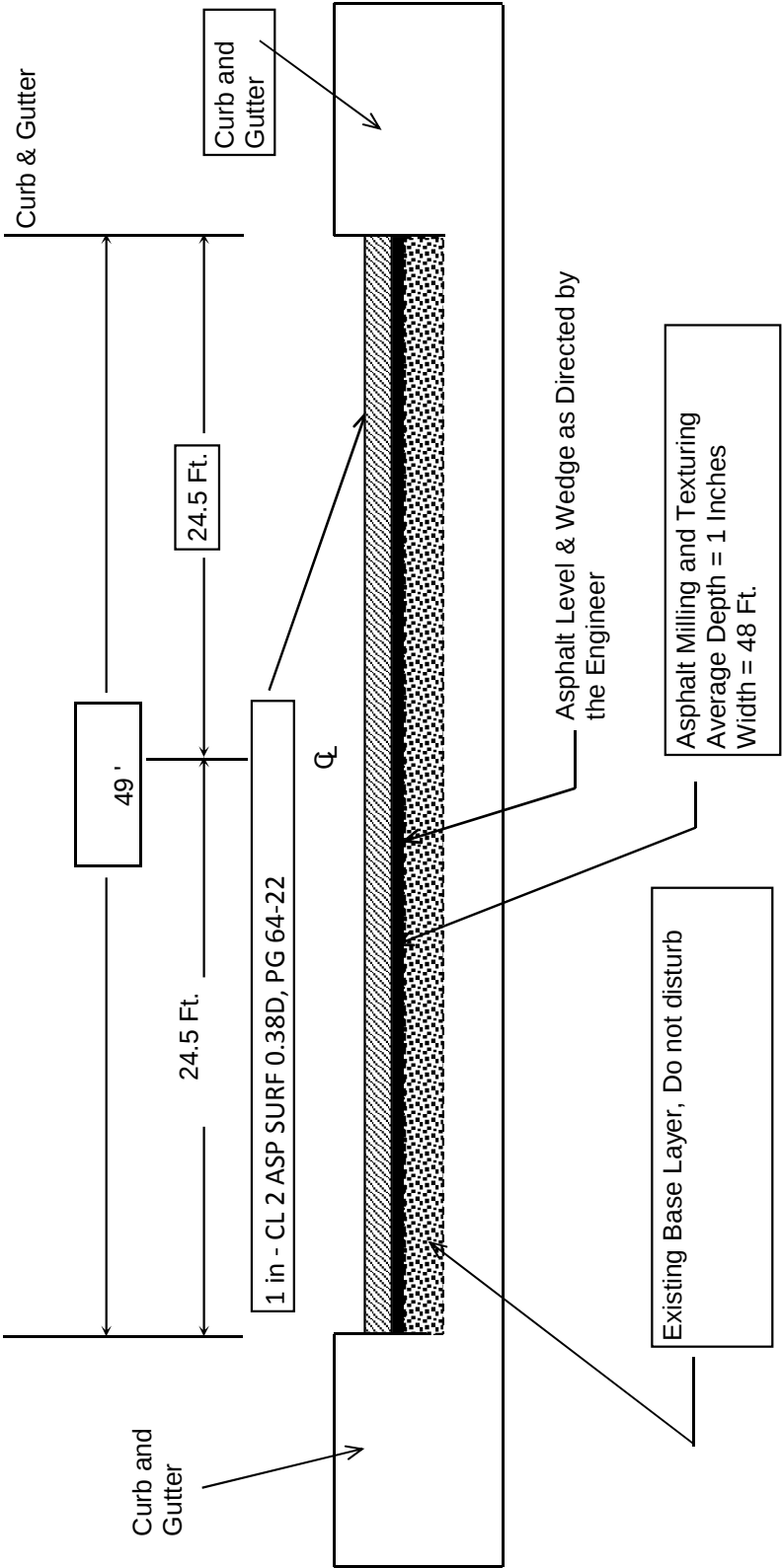
FD05 086 0163 000-009



DGA Base for pavement to shoulder drops.

TYPICAL SECTION

Monroe County  
FD05 086 0163 000 009  
M. P. 8.467 to M.P. 8.530 (New Pavement)



**PART II**

**SPECIFICATIONS AND STANDARD DRAWINGS**

### **SPECIFICATIONS REFERENCE**

Any reference in the plans or proposal to previous editions of the *Standard Specifications for Road and Bridge Construction* and *Standard Drawings* are superseded by *Standard Specifications for Road and Bridge Construction, Edition of 2012* and *Standard Drawings, Edition of 2016*.

## **SUPPLEMENTAL SPECIFICATIONS**

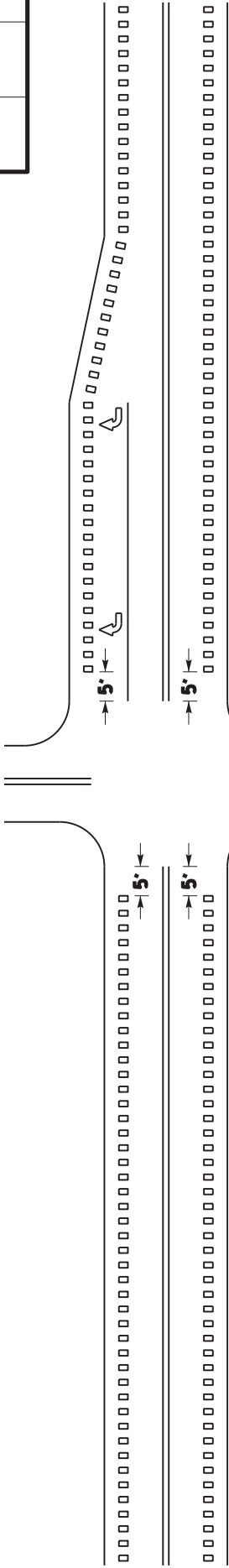
The contractor shall use the Supplemental Specifications that are effective at the time of letting.  
The Supplemental Specifications can be found at the following link:

<http://transportation.ky.gov/Construction/Pages/Kentucky-Standard-Specifications.aspx>

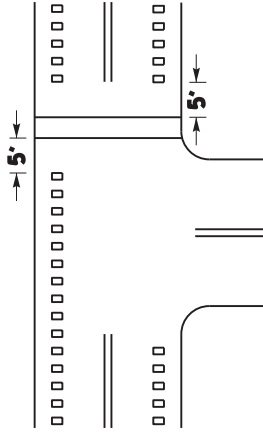
2016 KENTUCKY STANDARD DRAWINGS

|                                                     |            |
|-----------------------------------------------------|------------|
| CURVE WIDENING AND SUPERELEVATION TRANSITIONS ..... | RGS-001-07 |
| SUPERELEVATION FOR MULTILANE PAVEMENT .....         | RGS-002-06 |
| MISCELLANEOUS STANDARDS .....                       | RGX-001-06 |
| APPROACHES, ENTRANCES, AND MAIL BOX TURNOUT .....   | RPM-110-07 |
| SHOULDER AND EDGE LINE RUMBLE STRIP DETAILS.....    | TPM-165    |
| LANE CLOSURE TWO-LANE HIGHWAY .....                 | TTC-100-04 |
| SHOULDER CLOSURE.....                               | TTC-135-02 |
| PAVEMENT CONDITION WARNING SIGNS .....              | TTD-125-02 |
| MOBILE OPERATION FOR PAINT STRIPING CASE I .....    | TTS-100-02 |
| MOBILE OPERATION FOR PAINT STRIPING CASE II.....    | TTS-105-02 |

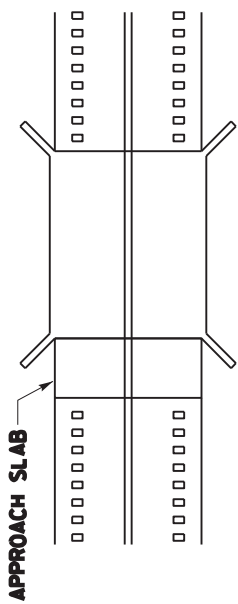
|           |          |           |
|-----------|----------|-----------|
| COUNTY OF | ITEM NO. | SHEET NO. |
|           |          |           |



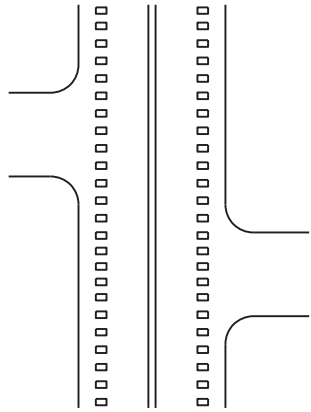
INTERSECTIONS WITH OR WITHOUT  
RIGHT TURN LANES ①



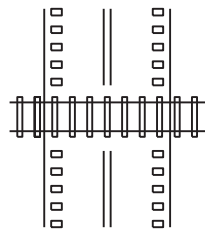
MARKED CROSSWALK ②



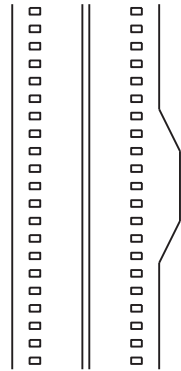
BRIDGE DECK/APPROACH SLAB ④



DRIVEWAYS/MINOR  
COMMERCIAL ENTRANCES ⑤



HIGHWAY-RAIL GRADE CROSSINGS ③



MAILBOX TURNOUTS ⑥

~ NOTES ~

- ① RUMBLE STRIPS SHALL BE OMITTED THROUGH MAJOR INTERSECTIONS WITH, OR WITHOUT, RIGHT-TURN LANES. OMIT RUMBLE STRIPS APPROXIMATELY 5' IN ADVANCE OF THE AREA WHERE EDGE LINE PAVEMENT MARKINGS HAVE BEEN OMITTED NORMALLY WHERE SIDE STREET RADIUS INTERSECTS MAINLINE.
- ② RUMBLE STRIPS SHALL NOT BE INSTALLED THROUGH MARKED CROSSWALKS. OMIT RUMBLE STRIPS APPROXIMATELY 5' IN ADVANCE OF MARKED CROSSWALKS.
- ③ RUMBLE STRIPS SHALL NOT BE INSTALLED ACROSS HIGHWAY-RAIL GRADE CROSSINGS.
- ④ RUMBLE STRIPS SHALL NOT BE INSTALLED ON BRIDGE DECKS OR APPROACH SLABS.
- ⑤ RUMBLE STRIPS SHALL BE INSTALLED THROUGH DRIVEWAYS & MINOR COMMERCIAL ENTRANCES.
- ⑥ RUMBLE STRIPS SHALL BE INSTALLED THROUGH MAILBOX TURNOUTS.
7. RUMBLE STRIPS SHOULD BE OMITTED WHERE THE POSTED SPEED LIMIT IS 45 MPH OR LESS.

DRAWING NOT TO SCALE

USE WITH SEPIA 006, 007,  
AND 008

|                                              |
|----------------------------------------------|
| KENTUCKY<br>DEPARTMENT OF HIGHWAYS           |
| SHOULDER & EDGE LINE<br>RUMBLE STRIP DETAILS |
| SUBMITTED <i>R. Allen</i> 11-23-16<br>DATE   |
| 006                                          |

BID ITEMS AND UNIT TO BID  
EDGE LINE RUMBLE STRIPS  
SHOULDER RUMBLE STRIPS

LF  
LF

000-009

The diagram illustrates a cross-section of a two-lane road. The left side features a 'SHOULDER' area followed by a series of vertical bars representing pavement or ground surface. The right side also shows a 'SHOULDER' area with similar vertical bars. In the center, there are two lanes of traffic. Above the left lane, an arrow points left towards the word 'TRAFFIC'. Below the right lane, an arrow points right towards the word 'TRAFFIC'. Dimensions are indicated between the centerlines of the two lanes: a 10-foot distance from each outer edge to the centerline, a 50-foot distance between the centerlines, and another 10-foot distance from the inner edge back to the centerline.



1. SHOULDER RUMBLE STRIPS SHOULD BE INSTALLED ACCORDING TO THE DIMENSIONS PROPOSED ABOVE UNLESS THERE IS AN ENGINEERING BASIS THAT SUPPORTS A CHANGE IN DIMENSION. FOR EXAMPLE, IF THE EXISTING LANE WIDTH IS NARROWER THAN THE LANE WIDTH PROPOSED IN THIS DRAWING AND THE EXISTING SHOULDER PAVEMENT DEPTH IS NOT SUITABLE TO BE CONVERTED INTO A PORTION OF THE PROPOSED LANE WIDTH, THEN THE EXISTING LANE WIDTH SHOULD BE USED INSTEAD OF THE WIDTH PROPOSED IN THIS DRAWING.
2. PAVEMENT WIDTH (W) IS THE TOTAL WIDTH OF TRAVERSABLE PAVEMENT. DO NOT INCLUDE THE WIDTH OF ANY NON-TRAVERSABLE PAVEMENT, SUCH AS PAVEMENT WEDGES, WHEN MEASURING THE PAVEMENT WIDTH (W).
3. LANE WIDTH (Y) TO BE MEASURED FROM CENTER OF ROAD TO CENTER OF EDGELINE STRIPE.
4. PAVED SHOULDER WIDTH (Z) TO BE MEASURED FROM CENTER OF EDGELINE STRIPE TO OUTSIDE EDGE OF TRAVERSABLE PAVEMENT.
5. DISTANCES SHOWN ARE APPROXIMATE. MAINTAIN RUMBLE STRIP DIMENSIONS AND SPACING AS MUCH AS POSSIBLE. IF THE TYPICAL SECTION SHOWS A LANE WIDTH (Y) AND/OR SHOULDER WIDTH (Z) THAT DIFFERS FROM THE WIDTHS LISTED IN THIS DRAWING, THE ENGINEER SHALL DETERMINE THE LANE WIDTH (Y) AND/OR SHOULDER WIDTH (Z) AT THE TIME OF CONSTRUCTION.  
NOTE: CENTERLINE RUMBLE STRIPS SHOULD BE OMITTED WHEN THE LANE WIDTH (Y) IS LESS THAN 11 FT.
6. RUMBLE LENGTH (X) AND/OR OFFSET DISTANCE MAY BE MODIFIED AS THE ENGINEER DIRECTS. IF THE SHOULDER WIDTH (Z) IS EQUAL TO OR LESS THAN THE COMBINED WIDTH OF THE PROPOSED RUMBLE LENGTH (X) AND OFFSET DISTANCE.
7. ALL SHOULDER RUMBLE STRIPS ALONG SHOULDERS THAT ARE 5' OR WIDER SHOULD INCLUDE BICYCLE GAPS AS DETAILED.
8. SHOULDER RUMBLE STRIPS SHOULD BE OMITTED WHERE THE POSTED SPEED LIMIT IS 45 MPH OR LESS.

**BID ITEM AND UNIT TO BID  
SHOULDER RUBBLE STRIPS**

37

**DRAWING NOT TO SCALE**

**USE WITH SEPJA 005**  
**KENTUCKY**  
**DEPARTMENT OF HIGHWAYS**  
**SHOULDER RUMBLE STRIP**  
**DETAILS**  
**TWO LANE ROADWAYS**

SUBMITTED: R. Gregory Wolfe 11-23-16 DATE **007**

## **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)

**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.

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 forty (40) and over, 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.

Revised: January 25, 2017

**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 (forty and above); 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 forty (40) and over. 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, or age forty (40) and over, or because the person is a qualified individual with a disability, except that such a notice or advertisement may indicate a preference, limitation, or specification based on religion, national origin, sex, or age forty (40) and over, or because the person is a qualified individual with a disability, when religion, national origin, sex, or age forty (40) and over, or because the person is a qualified individual with a disability, is a bona fide occupational qualification for employment.

## 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 (7) provides:

No present or former public servant shall, within six (6) months 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, or is regulated by, the state in matters in which he was directly involved during the last thirty-six (36) months of 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, or for which he received, prior to his state employment, a professional degree or license, provided that, for a period of six (6) months, he personally refrains from working on any matter in which he was directly involved during the last thirty-six (36) months of his tenure 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, nor shall it prohibit the former officer or public servant from receiving public funds disbursed through entitlement programs.

KRS 11A.040 (9) states:

A former public servant shall not represent a person or business before a state agency in a matter in which the former public servant was directly involved during the last thirty-six (36) months of his tenure, 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, 3 Fountain Place, Frankfort, Kentucky 40601; telephone (502) 564-7954.

Revised: January 27, 2017

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

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

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

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

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

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

# EMPLOYEE RIGHTS UNDER THE FAIR LABOR STANDARDS ACT

THE UNITED STATES DEPARTMENT OF LABOR WAGE AND HOUR DIVISION

## FEDERAL MINIMUM WAGE

**\$7.25** PER HOUR

BEGINNING JULY 24, 2009

### OVERTIME PAY

At least 1½ times your regular rate of pay for all hours worked over 40 in a workweek.

### CHILD LABOR

An employee must be at least **16** years old to work in most non-farm jobs and at least **18** to work in non-farm jobs declared hazardous by the Secretary of Labor.

Youths **14** and **15** years old may work outside school hours in various non-manufacturing, non-mining, non-hazardous jobs under the following conditions:

**No more than**

- **3** hours on a school day or **18** hours in a school week;
- **8** hours on a non-school day or **40** hours in a non-school week.

Also, work may not begin before **7 a.m.** or end after **7 p.m.**, except from June 1 through Labor Day, when evening hours are extended to **9 p.m.** Different rules apply in agricultural employment.

### TIP CREDIT

Employers of “tipped employees” must pay a cash wage of at least \$2.13 per hour if they claim a tip credit against their minimum wage obligation. If an employee's tips combined with the employer's cash wage of at least \$2.13 per hour do not equal the minimum hourly wage, the employer must make up the difference. Certain other conditions must also be met.

### ENFORCEMENT

The Department of Labor may recover back wages either administratively or through court action, for the employees that have been underpaid in violation of the law. Violations may result in civil or criminal action.

Employers may be assessed civil money penalties of up to \$1,100 for each willful or repeated violation of the minimum wage or overtime pay provisions of the law and up to \$11,000 for each employee who is the subject of a violation of the Act's child labor provisions. In addition, a civil money penalty of up to \$50,000 may be assessed for each child labor violation that causes the death or serious injury of any minor employee, and such assessments may be doubled, up to \$100,000, when the violations are determined to be willful or repeated. The law also prohibits discriminating against or discharging workers who file a complaint or participate in any proceeding under the Act.

### ADDITIONAL INFORMATION

- Certain occupations and establishments are exempt from the minimum wage and/or overtime pay provisions.
- Special provisions apply to workers in American Samoa and the Commonwealth of the Northern Mariana Islands.
- Some state laws provide greater employee protections; employers must comply with both.
- The law requires employers to display this poster where employees can readily see it.
- Employees under 20 years of age may be paid \$4.25 per hour during their first 90 consecutive calendar days of employment with an employer.
- Certain full-time students, student learners, apprentices, and workers with disabilities may be paid less than the minimum wage under special certificates issued by the Department of Labor.



For additional information:  
**1-866-4-USWAGE**

(1-866-487-9243)

TTY: 1-877-889-5627



**WWW.WAGEHOUR.DOL.GOV**

## **PART IV**

## **INSURANCE**

## INSURANCE

The Contractor shall procure and maintain the following insurance in addition to the insurance required by law:

- 1) Commercial General Liability-Occurrence form – not less than \$2,000,000 General aggregate, \$2,000,000 Products & Completed Aggregate, \$1,000,000 Personal & Advertising, \$1,000,000 each occurrence.
- 2) Automobile Liability- \$1,000,000 per accident
- 3) Employers Liability:
  - a) \$100,000 Each Accident Bodily Injury
  - b) \$500,000 Policy limit Bodily Injury by Disease
  - c) \$100,000 Each Employee Bodily Injury by Disease
- 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) KENTUCKY 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.

The cost of insurance is incidental to all contract items. All subcontractors must meet the same minimum insurance requirements.

**PART V**

**BID ITEMS**

Report Date 4/3/17

Section: 0001 - PAVING

| LINE | BID CODE   | ALT | DESCRIPTION                       | QUANTITY   | UNIT | UNIT PRIC | FP | AMOUNT      |
|------|------------|-----|-----------------------------------|------------|------|-----------|----|-------------|
| 0010 | 00001      |     | DGA BASE                          | 1,280.00   | TON  |           | \$ |             |
| 0020 | 00190      |     | LEVELING & WEDGING PG64-22        | 2,078.00   | TON  |           | \$ |             |
| 0030 | 00301      |     | CL2 ASPH SURF 0.38D PG64-22       | 9,140.00   | TON  |           | \$ |             |
| 0040 | 02562      |     | TEMPORARY SIGNS                   | 610.00     | SQFT |           | \$ |             |
| 0050 | 02650      |     | MAINTAIN & CONTROL TRAFFIC        | 1.00       | LS   |           | \$ |             |
| 0060 | 02676      |     | MOBILIZATION FOR MILL & TEXT      | 1.00       | LS   |           | \$ |             |
| 0070 | 02677      |     | ASPHALT PAVE MILLING & TEXTURING  | 125.00     | TON  |           | \$ |             |
| 0080 | 02697      |     | EDGE LINE RUMBLE STRIPS           | 90,076.00  | LF   |           | \$ |             |
| 0090 | 02720      |     | SIDEWALK-4 IN CONCRETE            | 8.00       | SQYD |           | \$ |             |
| 0100 | 02775      |     | ARROW PANEL                       | 2.00       | EACH |           | \$ |             |
| 0110 | 03240      |     | BASE FAILURE REPAIR               | 650.00     | SQYD |           | \$ |             |
| 0120 | 06510      |     | PAVE STRIPING-TEMP PAINT-4 IN     | 35,000.00  | LF   |           | \$ |             |
| 0130 | 06514      |     | PAVE STRIPING-PERM PAINT-4 IN     | 171,447.00 | LF   |           | \$ |             |
| 0140 | 06568      |     | PAVE MARKING-THERMO STOP BAR-24IN | 446.00     | LF   |           | \$ |             |
| 0150 | 06600      |     | REMOVE PAVEMENT MARKER TYPE V     | 1,135.00   | EACH |           | \$ |             |
| 0160 | 10020NS    |     | FUEL ADJUSTMENT                   | 17,461.00  | DOLL | \$1.00    | \$ | \$17,461.00 |
| 0170 | 10030NS    |     | ASPHALT ADJUSTMENT                | 43,857.00  | DOLL | \$1.00    | \$ | \$43,857.00 |
| 0180 | 22950NN    |     | PAVE MARKING-THERMO STOP          | 2.00       | EACH |           | \$ |             |
| 0190 | 23158ES505 |     | DETECTABLE WARNINGS<br>(NEW)      | 8.00       | SQFT |           | \$ |             |

Section: 0002 - DEMOBILIZATION

| LINE | BID CODE | ALT | DESCRIPTION    | QUANTITY | UNIT | UNIT PRIC | FP | AMOUNT |
|------|----------|-----|----------------|----------|------|-----------|----|--------|
| 0200 | 02569    |     | DEMOBILIZATION | 1.00     | LS   |           | \$ |        |