



**CALL NO. 413**

**CONTRACT ID. 122256**

**RUSSELL COUNTY**

**FED/STATE PROJECT NUMBER 104GR12P113-FD05**

**DESCRIPTION US 127 AND US 127X IN RUSSELL COUNTY**

**WORK TYPE ASPHALT RESURFACING**

**PRIMARY COMPLETION DATE 6/30/2013**

**LETTING DATE: August 17, 2012**

Sealed Bids will be received electronically through the Bid Express bidding service until 10:00 AM EASTERN DAYLIGHT TIME August 17, 2012. Bids will be publicly announced at 10:00 AM EASTERN DAYLIGHT TIME.

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

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

CONTRACT ID - 122256

ADMINISTRATIVE DISTRICT - 08

PROJECT(S) IDENTIFICATION AND DESCRIPTION:

COUNTY - RUSSELL  
104GR12P113-FD05

US 127 AND US 127X IN RUSSELL COUNTY

COUNTY - RUSSELL  
FD05 104 0127 014-018

PES - MP10401271204

JAMESTOWN-RUSSELL SPRINGS ROAD (US 127) FROM JCT US 127X-CLEAR SPRINGS ROAD (MP 14.142)  
EXT. NORTHERLY TO 0.099 MI N OF KY 1381 AT BEGIN. TRAFF. ISL (MP 17.620), A DISTANCE OF 3.  
48 MILES. ASPHALT RESURFACING.  
GEOGRAPHIC COORDINATES LATITUDE 37^01'15" LONGITUDE 85^04'33"  
AVERAGE DAILY TRAFFIC - 10944 AVERAGE MAINLINE WIDTH - 35.0 FEET

COUNTY - RUSSELL  
FD05 104 127X 002-004

PES - MP104012712R1

JAMESTOWN-RUSSELL SPRINGS ROAD (OLD US 127) FROM US 127X SOUTHBOUND (MP 2.134) EXT.  
EASTERLY TO 0.029 MILE S. OF US 127 (JAMESTOWN BYPASS) (MP 3.261), A DISTANCE OF 1.13  
MILES. ASPHALT RESURFACING.  
GEOGRAPHIC COORDINATES LATITUDE 36^59'26" LONGITUDE 85^04'04"  
AVERAGE DAILY TRAFFIC - 7752 AVERAGE MAINLINE WIDTH - 50.0 FEET

COMPLETION DATE(S):

COMPLETION DATE - June 30, 2013  
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/contract](http://www.transportation.ky.gov/contract))

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

### **SPECIAL NOTE FOR PIPE INSPECTION**

Contrary to Section 701.03.08 of the 2012 Standard Specifications for Road and Bridge Construction and Kentucky Method 64-114, certification by the Kentucky Transportation Center for prequalified Contractors to perform laser/video inspection is not required on this contract. It will continue to be a requirement for the Contractor performing any laser/video pipe inspection to be prequalified for this specialized item with the Kentucky Transportation Cabinet-Division of Construction Procurement.

### **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.

### **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. (See attachment)

10/18/2011

**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



### **NATIONAL HIGHWAY (US 127)**

Be advised this project is on the NATIONAL HIGHWAY SYSTEM.

### **SURFACING AREAS (US 127)**

The Department estimates the mainline surfacing width to be 24 – 54 feet.

The Department estimates the total mainline area to be surfaced to be 84,073 square yards.

The Department estimates the shoulder width to be 2 feet on each side.

The Department estimates the total shoulder area to be surfaced to be 1,927 square yards.

### **SURFACING AREAS (US 127X)**

The Department estimates the mainline surfacing width to be 37 – 241 feet.

The Department estimates the total mainline area to be surfaced to be 36,629 square yards.

Curb and gutter section. No shoulder work.

### **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.

### **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 A**

Be advised that the Department will accept compaction of asphalt mixtures furnished for driving lanes and ramps, at 1 inch (25mm) or greater, on this project according to OPTION A in accordance with Section 402 and Section 403 of the current Standard Specifications. The Department will require joint cores as described in Section 402.03.02 for surface mixtures only. The Department will accept compaction of all other asphalt mixtures according to OPTION B.

## **SPECIAL NOTE FOR REMOVE AND RESET VEHICLE STOP**

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### **I. DESCRIPTION**

Except as specified herein, perform all work in accordance with the Department's Standard and Supplemental Specifications and Standard and Sepia Drawings, current editions. Article references are to the Standard Specifications. This work shall consist of the following:

- (1) Remove and Reset Vehicle Stop

### **II. MATERIALS**

Allow for materials to be sampled and tested in accordance with the Department's Sampling Manual and make the materials available for sampling a sufficient time in advance of the use of the materials to allow for the necessary time for testing.

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

### **III. CONSTRUCTION METHODS**

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

**B. Remove and Reset Vehicle Stop.** Remove and reset vehicle stops in the exact location of existing. If there is damage to the Vehicle Stop during removal, contractor is responsible for replacing Vehicle Stop with like kind at no additional expense to the Department.

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

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

**B. Remove and Reset Vehicle Stop.** The Department will measure the number of Vehicle Stops in individual units, Each.

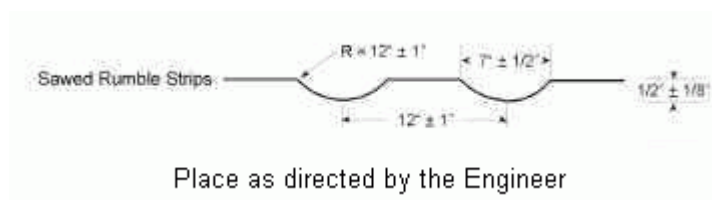
### **V. BASIS OF PAYMENT**

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

**B. Remove and Reset Vehicle Stops.** Accept payment at the contract unit price each as full compensation for all necessary to complete the work.

## SPECIAL NOTE FOR SAWED SHOULDER RUMBLE STRIPS

Contrary to Section 403.03.08, construct sawed shoulder rumble strips 6 inches from the edgeline stripe to a width of 12 inches on mainline shoulders to the dimensions shown below.



Do not construct sawed rumble strips through public road intersections, ramps, marked crosswalks, bridge decks, or commercial entrances. Where existing site conditions allow, maintain the dimensions and spacing as directed by the Engineer; however, obtain the Engineer's prior approval of proposed dimensions and spacing for any required deviations.

## **SPECIAL NOTE FOR MANHOLE ADJUSTMENTS**

Manhole adjustments are the responsibility of the City of Jamestown. Notify the Engineer a minimum of 30 calendar days prior to beginning any work on the project. Unless directed otherwise by the Engineer, do not begin resurfacing until the manhole adjustments are completed by the City. The Engineer will coordinate the work between the Contractor and City.

1-3181 manholeadjustbycity  
07/21/03

## SPECIAL NOTE FOR PAVEMENT WEDGE AND SHOULDER SEPARATE OPERATION

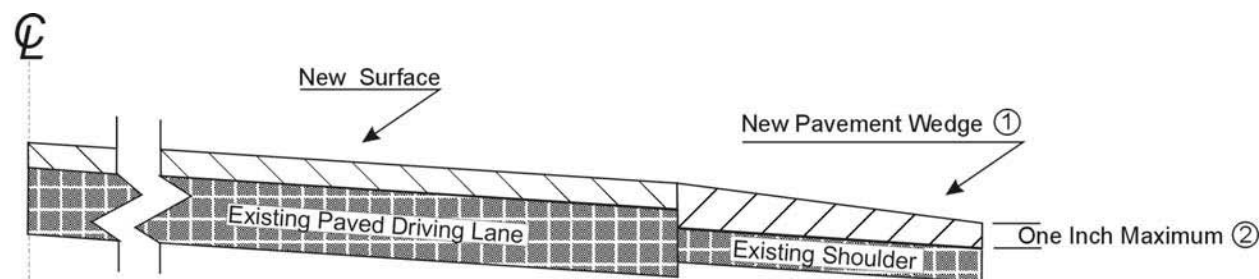
**1.0 MATERIALS.** Provide an Asphalt Mixture for Pavement Wedge conforming to Section 407 of the Standard Specifications or an Asphalt Surface Mixture conforming to Section 403 of the Standard Specifications, as applicable to the project, for the pavement wedge.

**2.0 CONSTRUCTION.** Place the Asphalt Mixture for Pavement Wedge or Asphalt Surface Mixture as a separate operation from the driving lane. Prime the existing shoulder with tack material as the Engineer directs before placing the wedge. Construct according to Sections 407.03 and 403.03 as applicable.

When the Engineer deems it appropriate to pave both the driving lane and the adjoining wedge monolithically, 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 driving lanes. Where existing site conditions permit, limit the outside edge thickness of the new paving limits to one inch above the existing shoulder wedge elevation. If an Asphalt Surface Mixture is furnished for the pavement wedge, texture according to Section 403.03.08.

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 Mixture for Pavement Wedge or Asphalt Surface Mixture placed as the pavement wedge according to Sections 403 and 407 as applicable.

**4.0 PAYMENT.** The Department will make payment for the completed and accepted quantities of Asphalt Surface Mixtures placed as pavement wedge according to Section 403. The Department will make payment for the completed and accepted quantities of Asphalt Mixture for Pavement Wedge according to Section 407.

### **SPECIAL NOTE FOR ASPHALT MILLING AND TEXTURING**

Begin paving operations within two weeks 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.

Contrary to Section 408, the Department will retain possession of 2,200 tons of material obtained from the milling operations. Deliver this material to the State Maintenance facility in Russell County. The Contractor, at his option, may elect to keep the remaining material at an agreed cost of \$7.50 per ton. If the Contractor elects this option, the Department will deduct the cost for this material from money due on the Contract.

**NOTICE TO CONTRACTOR: The Department considers transfer of millings to the state maintenance facility to be a part of the construction project, therefore truck operators are subject to receiving prevailing wages.**

### **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

**SPECIAL NOTE FOR SIDEWALK RAMPS & DETECTABLE WARNINGS**

**GENERAL**

Unless otherwise stated in the contract, or as directed by or with prior approval from the Engineer, construct Sidewalk Ramps and Detectable Warnings in accordance with Section 505; Supplemental Specifications, Standard Drawings RPM-150-07, RPM-152-07, RPM-170-08, RPM-172-06, and RGX-040-02, current editions, as applicable. Saw cut existing sidewalks, curb and gutter, and pavement, if present, as shown on the detail and reconstruct sidewalk ramps with detectable warnings as directed or approved by the Engineer. Unless specified otherwise in the Contract, construct sidewalk with 4” nominal minimum required thickness; however, if the existing sidewalk thickness is found to be greater or less than the thickness specified, transition the thickness as directed by the Engineer.

Except as required by the work, do not disturb drainage pipe, catch basins, and other roadway features, appurtenances and installations. Restore any roadway features, appurtenances, and installations damaged by the work in like kind materials and design at no additional cost to the Department. Dispose of all waste off the right of way at sites obtained by the Contractor at no additional cost to the Department (see Special Note for Waste and Borrow).

**MEASUREMENT & PAYMENT**

**SIDEWALK RAMPS** – The Department will measure sidewalk ramps of each type in individual units Each. Accept payment at the Contract unit price each as full compensation for all labor, materials, equipment, and incidentals required for removal and disposal of existing sidewalk and curb and gutter, excavation and embankment, construction of the sidewalk ramps, reconstruction of the adjacent curb and/or sidewalk as necessary to install the sidewalk ramps, and restoration of disturbed features in accordance with these notes or as directed by the Engineer.

<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>
03287, 03288, 03289, 03290	Sidewalk Ramp, Type	Each

**DETECTABLE WARNINGS** - The Department will measure and make payment for Detectable Warnings in accordance with Section 505 and Sandard Drawing RGX-040-02, current editions.



## **TRAFFIC CONTROL PLAN**

### **TRAFFIC CONTROL GENERAL**

Except as provided herein, traffic shall be maintained in accordance with the 2012 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.

No lane closures will be allowed during the following hours:

<b>US 127X</b>	<b>Monday – Friday</b>	<b>7:00 am – 6:00 pm</b>
<b>US 127</b>	<b>Monday – Friday</b>	<b>6:00 am – 5:00 pm</b>

There shall be no lanes closed during the following dates:

<b>Labor Day Weekend</b>	<b>Aug. 31<sup>st</sup> – Sept. 3<sup>rd</sup>, 2012</b>
<b>Poker Run Weekend</b>	<b>Sept. 7<sup>th</sup> – Sept. 9<sup>th</sup>, 2012</b>
<b>Memorial Day Weekend</b>	<b>May 24<sup>th</sup> – May 28<sup>th</sup>, 2013</b>

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 9 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**

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.

### **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.

## **TEMPORARY ENTRANCES**

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

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

The Department will measure asphalt materials required to construct and maintain any temporary entrances which may be necessary to provide temporary access; however, the Department will not measure aggregates, excavation, and/or embankment, but shall be incidental to Maintain and Control Traffic. The Engineer will determine the type of surfacing material, asphalt or aggregate, to be used at each entrance.

## **TRAFFIC SIGNAL LOOPS**

Install traffic signal loops according to the Special Notes for Traffic Signal Loop Replacement. Coordinate the placement of the loops with the Engineer.

## **THERMOPLASTIC INTERSECTION MARKINGS**

Consider the locations listed on the summary as approximate only. Prior to milling and/or resurfacing, locate and document the locations of the existing markings. After resurfacing, replace the markings at their approximate existing locations or as directed by Engineer. Place markings not existing prior to resurfacing as directed by the Engineer.

## **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 the work.

## **PAVEMENT EDGE DROP-OFFS**

A pavement edge between opposing directions of traffic or lanes that traffic is expected to cross in a lane change situation shall not have an elevation difference greater than 1½". Warning signs (MUTCD W8-9 or W8-9A, or W8-11) shall be placed in advance of and at 1500 foot intervals throughout the drop-off area. Dual posting on both sides of the traveled way shall be required. All transverse transitions between newly surfaced pavement and the existing pavement areas that traffic may cross shall be wedged with asphalt mixture for leveling and wedging. Remove wedges prior to placement of the final surface course.

Pavement edges that traffic is not expected to cross, except accidentally, shall be treated as follows:

Less than 2" - No protection required.

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

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

## SPECIAL NOTE FOR PARKING LOT STRIPING

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### I. DESCRIPTION

Except as specified herein, perform all work in accordance with the Department's Standard and Supplemental Specifications and Standard and Sepia Drawings, current editions. Article references are to the Standard Specifications. This work shall consist of the following:

(1) Placing of parking lot striping; (2) Placing of parking lot symbols; (3) Placing of parking lot words; and (4) all other work specified as part of this contract.

### II. MATERIALS

Allow for materials to be sampled and tested in accordance with the Department's Sampling Manual and make the materials available for sampling a sufficient time in advance of the use of the materials to allow for the necessary time for testing.

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

**B. Parking Lot Striping, Symbols, and Words.** Furnish paint for Parking Lot Striping conforming to Section 842. Furnish white, yellow, and blue paint as applicable.

### III. CONSTRUCTION METHODS

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

**B. Parking Lot Striping, Symbols, and Words.** Install Parking lot Striping in accordance with Section 713 requirements for 4 inch waterborne paint or as directed by the Engineer; however, the Department will not require binder surface preparation on concrete pavements. The Engineer will furnish a detailed striping plan to the Contractor prior to beginning work. If there is any discrepancy between the existing striping pattern and the plan furnished by the Engineer, immediately notify the Engineer. Obtain resolution of the conflict from the Engineer before placing the striping in such areas.

### IV. METHOD OF MEASUREMENT

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

**B. Parking Lot Striping.** The Department will measure Parking Lot Striping in linear feet.

Parking Lot Striping  
Page 2 of 2

**C. Parking Lot Symbols.** The Department will measure Parking Lot Symbols in individual units, Each.

**D. Parking Lot Words.** The Department will measure Parking Lot Words Symbols in individual units, Each.

**V. BASIS OF PAYMENT**

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

**B. Parking Lot Striping.** Accept payment at the contract unit price per linear as full compensation for all materials, equipment, labor and incidentals necessary to complete the work.

**C. Parking Lot Symbols.** Accept payment at the contract unit price each as full compensation for all materials, equipment, labor and incidentals necessary to complete the work.

**D. Parking Lot Words.** Accept payment at the contract unit price each as full compensation for all materials, equipment, labor and incidentals necessary to complete the work.

## **TRAFFIC CONTROL FOR RAISED PAVEMENT MARKER INSTALLATIONS**

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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. Do not install Type V Raised Pavement Markers on bridge Decks. If raised pavement markers are specified for bridge decks, use flush-mounted Type IV-A markers. Install all necessary traffic control devices before beginning work. Provide egress and ingress to all ramps, side roads, and entrances at all times. After the pavement markers have been placed on the roadway, leave traffic control devices in place to protect the markers from damage by traffic until the Engineer determines the adhesive epoxy has sufficiently hardened. When work is suspended or completed and the Engineer determines the pavement markers are completely bonded to the pavement, immediately remove the traffic control devices.

### **TWO-LANE, TWO-WAY ROADWAYS:**

The Department will consider installation of raised pavement markers on two-lane, two-way roadway sections to be short-duration operations. Accomplish the work in only one lane and affect the adjacent lane as little as possible. Sign approaches to the immediate work area in accordance with Standard Drawings TTC-100-03 and TTC-105-02. Install the signs on approved temporary mountings.

As a minimum, equip all work vehicles used in the roadway with strobe lights or rotating beacons. If a flashing arrow board is mounted directly on a work vehicle, operate the board in caution mode only; do not use a flashing arrow indication. The Department will not require the use of a Truck Mounted Attenuator (TMA) on two-lane, two-way roadway sections.

### **MULTI-LANE ROADWAYS:**

Place raised pavement markers behind stationary lane closures. Obtain the Engineer's approval for stationary lane closures prior to use. Sign approved stationary lane closures according to Standard Drawings TTC-115-02 and TTC-125-02. If the Contractor desires an interior lane closure, prepare a plan and obtain the Engineer's approval prior to use. Install all necessary traffic control devices before beginning work.

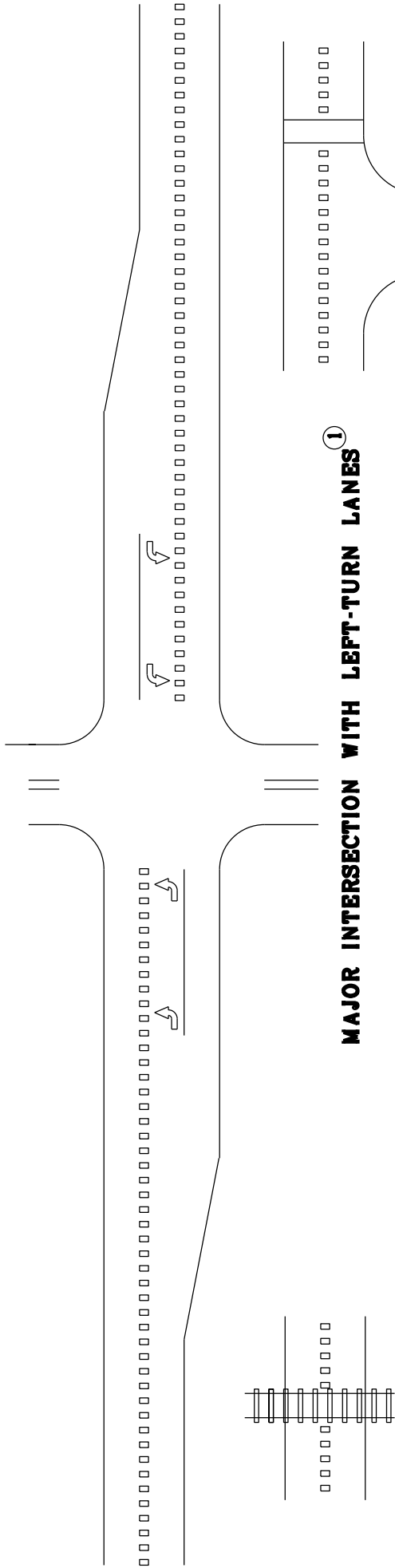
Protect the work zone with a TMA conforming to Sections 725.02.05 and 725.03.03. Place the TMA within the lane closure at locations approved by the Engineer. Contrary to Section 725.03.03, retain possession of the TMA upon completion of the work.

Restrict the work area to not more than one lane of traffic plus 24 inches maximum of only one adjacent lane in each direction of travel. Provide a minimum lane width of 10 feet; however, provide for passage of vehicles of up to 16 feet in width. Limit the length of a lane closure to not exceed 1 mile in urban areas or 3 miles in rural areas as designated by the Engineer. Do not erect more than one lane closure in each direction of travel unless there is at least 2 miles separation between lane closures and both lane closures are in the same lane.

## **SPECIAL NOTE FOR CENTERLINE RUMBLE STRIPES**

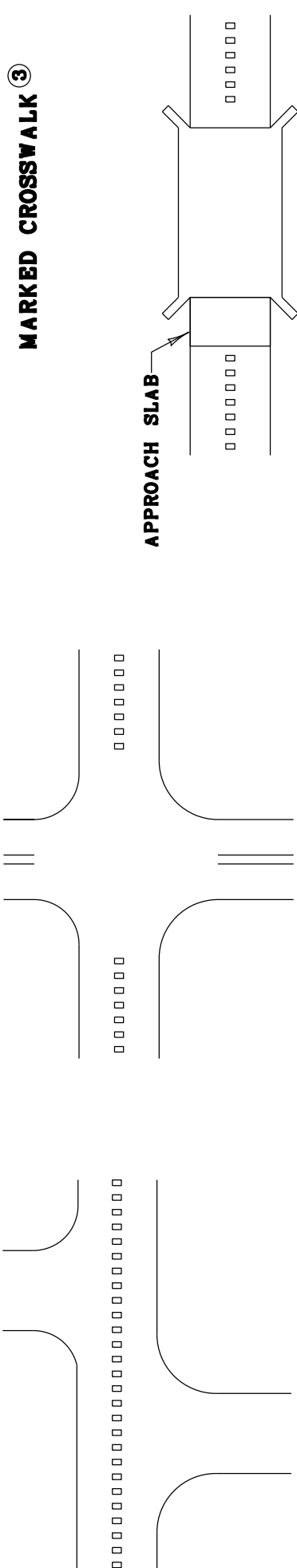
Construct Centerline Rumble Stripes at the locations listed on the Typical Sections. The milepoints listed are approximate only; the Engineer will determine exact milepoints at the time of construction. Contrary to Section 713, the existing striping pattern may change on the project. See attached drawings for Centerline Rumble Stripe Installation Details. Unless directed otherwise by the Engineer, DO NOT install Centerline Rumble Stripes where the posted speed limit is 45 MPH or less. If questions arise regarding changes in striping patterns or termini of the Centerline Rumble Stripes, obtain guidance from the District Traffic Engineer.

1-3883 Centerline Rumble Stripes  
1/18/2012



MAJOR INTERSECTION WITH LEFT-TURN LANES <sup>①</sup>

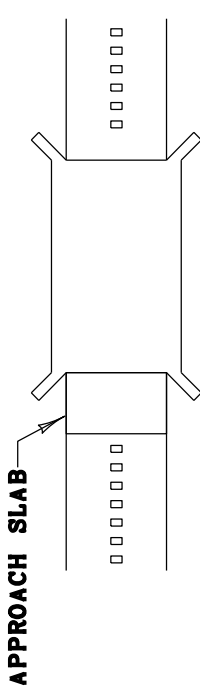
HIGHWAY-RAIL GRADE CROSSING <sup>②</sup>



MARKED CROSSWALK <sup>③</sup>

DRIVEWAYS/MINOR COMMERCIAL ENTRANCES <sup>⑤</sup>

MAJOR INTERSECTION WITHOUT LEFT-TURN LANES <sup>①</sup>



APPROACH SLAB

BRIDGE DECK/APPROACH SLAB <sup>④</sup>

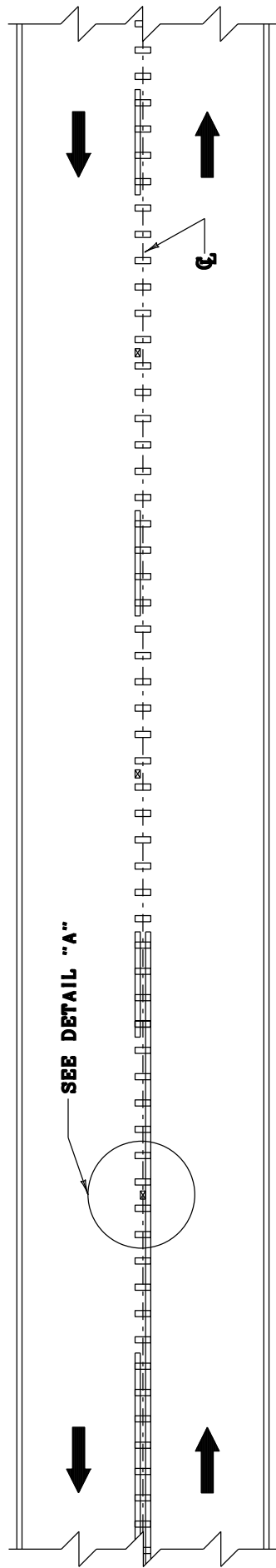
**GENERAL NOTES**

**DRAWING NOT TO SCALE**

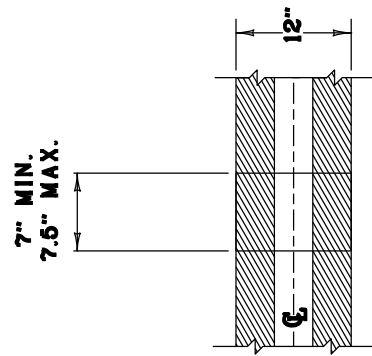
- <sup>①</sup> CENTERLINE RUMBLE STRIPS SHALL BE OMITTED THROUGH MAJOR INTERSECTIONS WITH OR WITHOUT LEFT-TURN LANES. RUMBLE STRIPS SHALL BE OMITTED IN THE AREA WHERE CENTERLINE PAVEMENT MARKINGS HAVE BEEN OMITTED (NORMALLY WHERE SIDE STREET RADIUS INTERSECTS MAINLINE). RUMBLE STRIPS SHALL BE OMITTED WHERE THE POSTED SPEED LIMIT IS 45 MPH OR LESS.
- <sup>②</sup> CENTERLINE RUMBLE STRIPS SHALL NOT BE INSTALLED ACROSS HIGHWAY-RAIL GRADE CROSSINGS.
- <sup>③</sup> CENTERLINE RUMBLE STRIPS SHALL NOT BE INSTALLED THROUGH MARKED CROSSWALKS.
- <sup>④</sup> CENTERLINE RUMBLE STRIPS SHALL NOT BE INSTALLED ON BRIDGE DECKS OR APPROACH SLABS.
- <sup>⑤</sup> CENTERLINE RUMBLE STRIPS SHALL BE INSTALLED THROUGH DRIVEWAYS/MINOR COMMERCIAL ENTRANCES.

**CENTERLINE  
RUMBLE STRIPS**

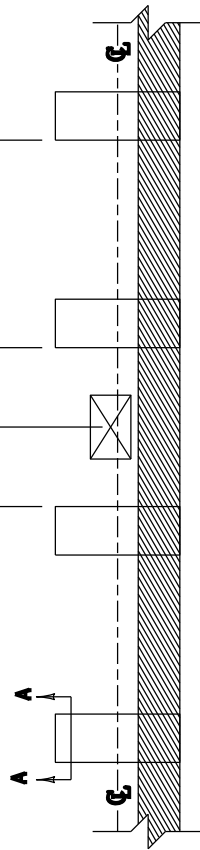




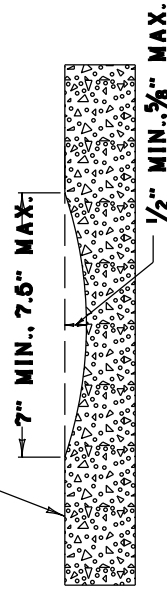
PLAN VIEW



DETAIL "A"



PAVEMENT SURFACE



SECTION A-A

**GENERAL NOTES**

1. DISTANCES SHOWN ARE APPROXIMATE. MAINTAIN RUMBLE STRIP DIMENSIONS AND SPACING AS MUCH AS POSSIBLE.
2. RUMBLE STRIPS SHALL BE INSTALLED IN LINE WITH THE CENTER OF THE ROADWAY AS MUCH AS POSSIBLE.
3. DISCONTINUE RUMBLE STRIPS AT LEAST 12" BEFORE AND AFTER THE CENTER OF EACH RAISED PAVEMENT MARKER. INSTALL AS MANY RUMBLE STRIPS AS POSSIBLE BETWEEN ADJACENT PAVEMENT MARKERS WHILE MAINTAINING THE 24" CYCLE.
4. DO NOT INSTALL CENTERLINE RUMBLE STRIPS IN AREAS INDICATED ON "CENTERLINE RUMBLE STRIPS" DRAWING.
5. RUMBLE STRIPS SHALL BE OMITTED WHERE THE POSTED SPEED LIMIT IS 45 MPH OR LESS.

DRAWING NOT TO SCALE

**CENTERLINE  
RUMBLE STRIPES  
4 INCH STRIPING**

## SPECIAL NOTE FOR TRAFFIC SIGNAL LOOP DETECTORS

---

### I. DESCRIPTION.

Be advised there are existing traffic signal loop detectors within the construction limits of this project. Except as specified herein, perform traffic signal loop replacement in accordance with the Department's Standard and Supplemental Specifications and Standard and Sepia Drawings, current editions. Article references are to the Standard Specifications. Furnish all materials, labor, equipment, and incidentals for replacement of traffic signal loop installation(s) and all other work specified as part of this contract.

### II. MATERIALS.

Except as specified herein, furnish materials in accordance with Section 723. Provide for materials to 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. Sand.** Furnish natural sand meeting the requirements of 804.04.01.

**C. Seeding.** Use Seed Mix Type I.

**D. Loop Saw Slot and Fill.** Furnish loop sealant, backer rod, and non-shrink grout according to the Saw Slot Detail.

### III. CONSTRUCTION METHODS.

Except as specified herein, install and test Traffic Signal Loop Detectors in accordance with Section 723 and the drawings.

**A. Coordination.** Notify the Engineer in writing, two (2) weeks prior to beginning any work. The Engineer will contact and maintain liaison with the District Traffic Engineer and the Central Office Division of Traffic Operations to coordinate the Department's operations with the Contractor's work.

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

**C. Milling.** On projects involving milling and texturing of the existing pavement, install loops in the existing pavement before performing the milling and texturing. If, after milling, the remnant contents of the existing saw slot (grout, loop wires, backer rod, and/or loop sealant) are not intact and flush with or below the top of the milled portion of the asphalt and with the saw slot completely filled with fines from the milling operation,

## Traffic Signal Loop Detectors

### Page 2 of 7

clear the saw slot of loose remnant contents and refill the saw slot with natural sand. Obtain the Engineer's approval of the stabilized saw slot prior to resurfacing.

**D. Loop Saw Slot and Fill.** The following is a typical step by step procedure for the installation of a loop.

- Carefully mark the slot to be cut, perpendicular to the flow of traffic and centered in the lane.
- Make each saw-cut 3/8-inch wide and at a depth such that the top of the backer rod is a minimum of 4 inches below the surface of asphalt pavement.
- Drill a 1½ inch core hole at each corner and use a chisel to smooth corners to prevent sharp bends in the wire.
- Clean ALL foreign and loose matter out of the slots and drilled cores and within 1 foot on all sides of the slots using a high pressure washer.
- Completely dry the slots and drilled cores and within 1 foot on all sides of the slots.
- Measure 9-12 inches from the edge of the paved surface (shoulder break or face of curb) and drill a 1½ inch hole on a 45° angle to the conduit adjacent to the roadway.
- Closely inspect all cuts, cores, and slots for jagged edges or protrusions prior to the placement of the wire. All jagged edges and protrusions shall be ground or re-cut and cleaned again.
- Place the loop wire splice-free from the termination point (cabinet or junction box) to the loop, continue around the loop for two turns (6'x30' loop) or three turns (6'x6' loop), and return to the termination point.
- Push the wire into the saw slot with a blunt object such as a wooden stick. Make sure that the loop wire is pushed fully to the bottom of the saw slot. Screwdrivers shall not be used.
- Install duct sealant to a minimum of 1" deep into the cored 1½ inch hole.
- Apply loop sealant from the bottom up and fully encapsulate the loop wires in the saw slot. The wire should not be able to move when the sealant has set.
- Cover the encapsulated loop wire with a continuous layer of backer rod along the entire loop and home run saw slots such that no voids are present between the loop sealant and backer rod.
- Finish filling the saw cut with non-shrinkable grout per manufacturer's instructions. Alleviate all air pockets and refill low spaces. There shall be no concave portion to the grout in the saw slot. Any excess grout shall be cleaned from the roadway to alleviate tracking.
- Clean up the site and dispose of all waste off the project.
- Ensure that the grout has completely cured prior to subjecting the loop to traffic. Curing time varies with temperature and humidity.

Traffic Signal Loop Detectors  
Page 3 of 7

**E. Final Dressing, Clean Up, and Seeding.** After all work is completed, clean work sites and all disturbed areas. Dispose of all waste and debris off the right of way at sites obtained by the Contractor at no additional cost to the Department. Sow all disturbed earthen areas with Seed Mix Type I.

**F. Property Damage.** Be responsible for all damage to public and/or private property resulting from the work. Upon completion of the work, restore all disturbed highway features and private property in like kind design and materials at no additional cost to the Department.

**G. On-Site Inspection.** Make a thorough inspection of the site prior to submitting bid and become thoroughly familiar with existing conditions so that the work can be expeditiously performed after a contract is awarded. The Department will consider submission of a bid as evidence of this inspection having been made. The Department will not honor any claims resulting from site conditions.

**H. Right-of-Way Limits.** The Department has not established exact limits of Right-of-Way. Limit work activities to obvious 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.

**I. Utility Clearance.** Work around and do not disturb existing utilities. The Department does not anticipate that existing utilities will require relocation; however, if utility relocation is required, the utility companies will work concurrently with the Contractor while relocating their facilities.

**J. Caution.** Consider the information in this proposal and shown on the plans and the type of work listed herein to be approximate. Do not take the information to be an accurate evaluation of the materials and conditions to be encountered during construction. The bidder must draw his own 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 claims for additional compensation if the conditions encountered are not in accordance with the information shown.

**K. Control.** Perform all work under the absolute control of the Department of Highways. Obtain the Engineer's approval of all designs required to be furnished by the Contractor prior to incorporation into the work. The Department reserves the right to have other work performed by other contractors and its own forces and to permit public utility companies and others to do work during the construction within the limits of, or adjacent to, the project. Conduct operations and cooperate with such other parties so that interference with each other's work will be reduced to a minimum. By submitting bid, the Contractor agrees to make no claims against the Department for additional compensation due to delays or other conditions created by the operations of such other parties. Should a difference of opinion arise as to the rights of the Contractor and others working within the limits of, or adjacent to, the project, the Engineer will decide as to the respective rights of the various parties involved in order to assure the completion of the work in general harmony and in a satisfactory manner, and his decision shall be final and binding upon the Contractor.

Traffic Signal Loop Detectors  
Page 4 of 7

**IV. MEASUREMENT.**

The Department will measure for payment only the bid items listed. All other items required to complete the construction shall be incidental to the bid items listed.

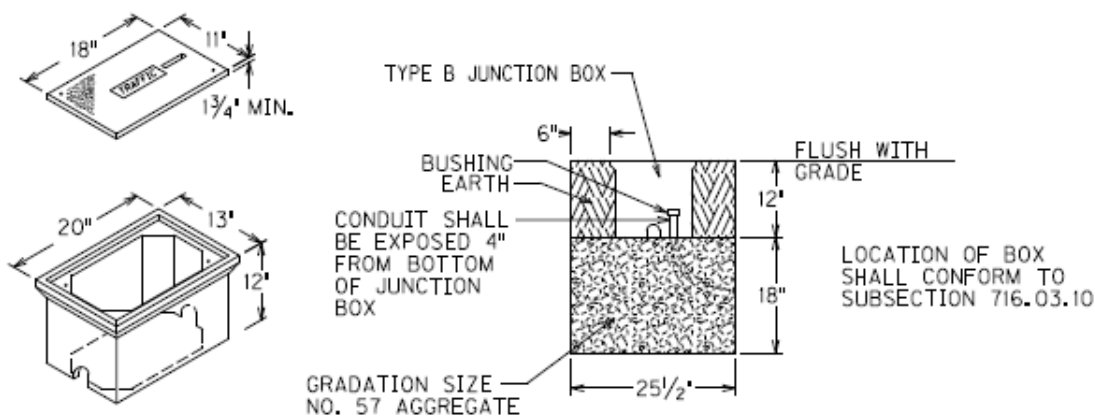
**A. Maintain and Control Traffic.** See Traffic Control Plan.

**B. Traffic Signal Loop detectors.** See Section 723.04.

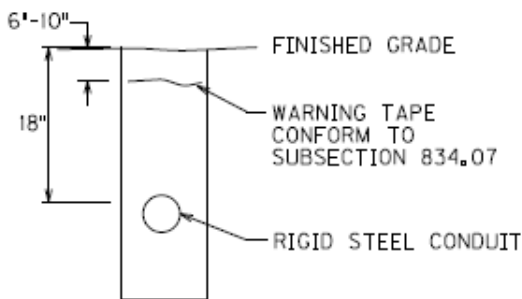
**C. Sand.** The department will not measure natural sand used to fill existing loop slots after milling, but shall be incidental to Milling and Texturing

**V. PAYMENT.** The Department will make payment for the completed and accepted quantities of listed items according to Section 723.05. The Department will consider payment as full compensation for all work required under these notes and the Standard Specifications.

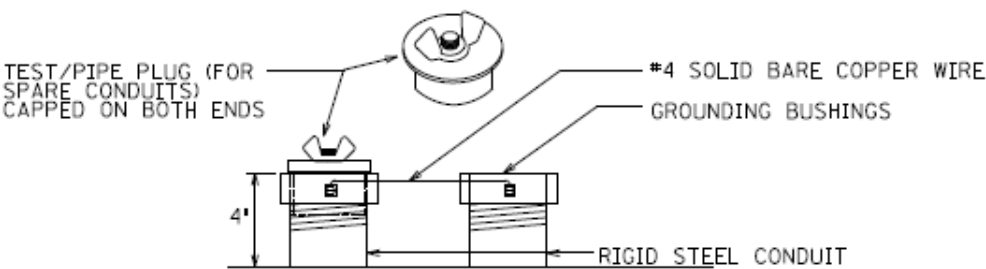
Traffic Signal Loop Detectors  
Page 5 of 7



ELECTRICAL JUNCTION BOX TYPE B



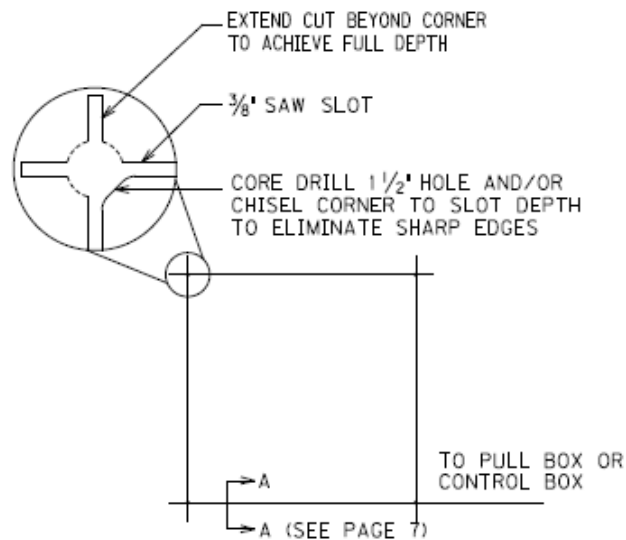
DEPTH OF CONDUIT



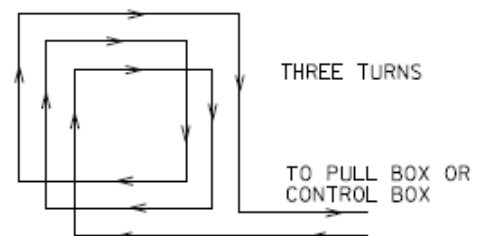
TYPICAL GROUNDING DETAIL

# Traffic Signal Loop Detectors

## Page 6 of 7

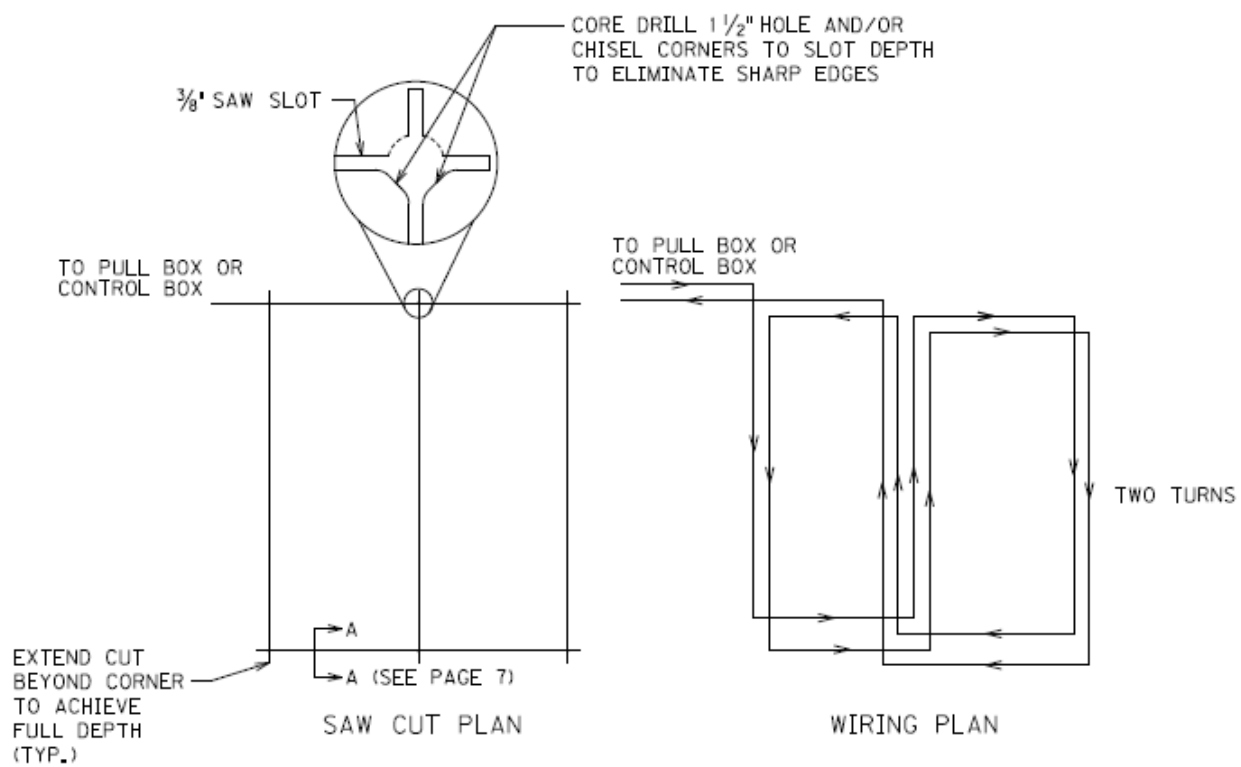


SAW CUT PLAN



WIRING PLAN

6'X6' LOOP

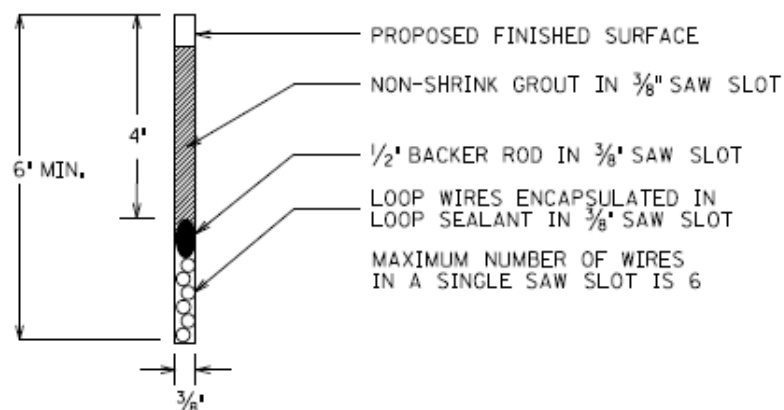


SAW CUT PLAN

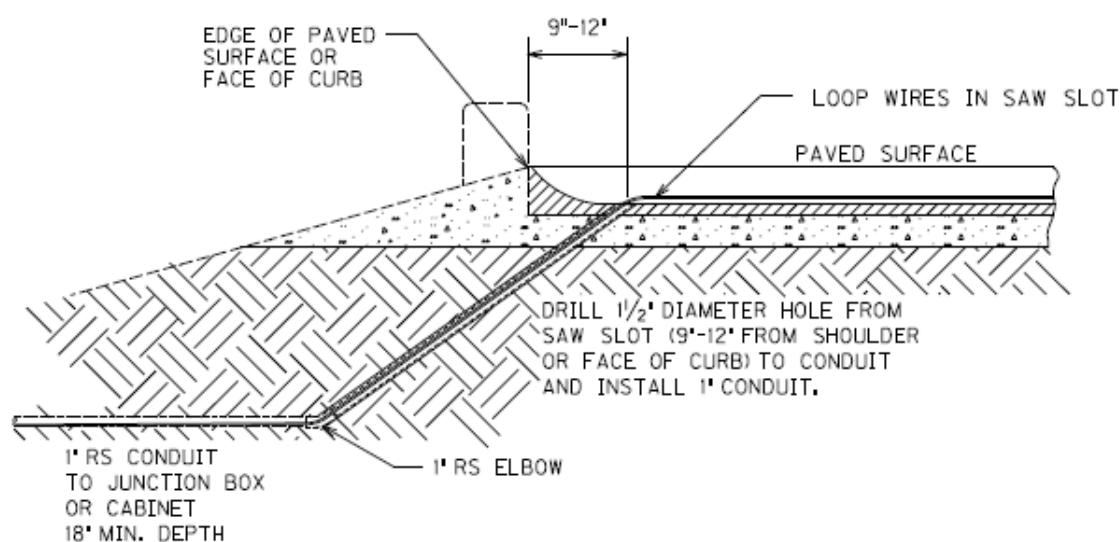
WIRING PLAN

6'X30' QUADRAPOLE LOOP

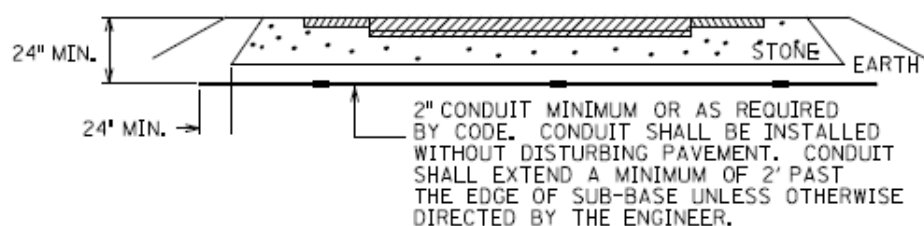
# Traffic Signal Loop Detectors Page 7 of 7



SECTION A-A (SAW SLOT DETAIL)

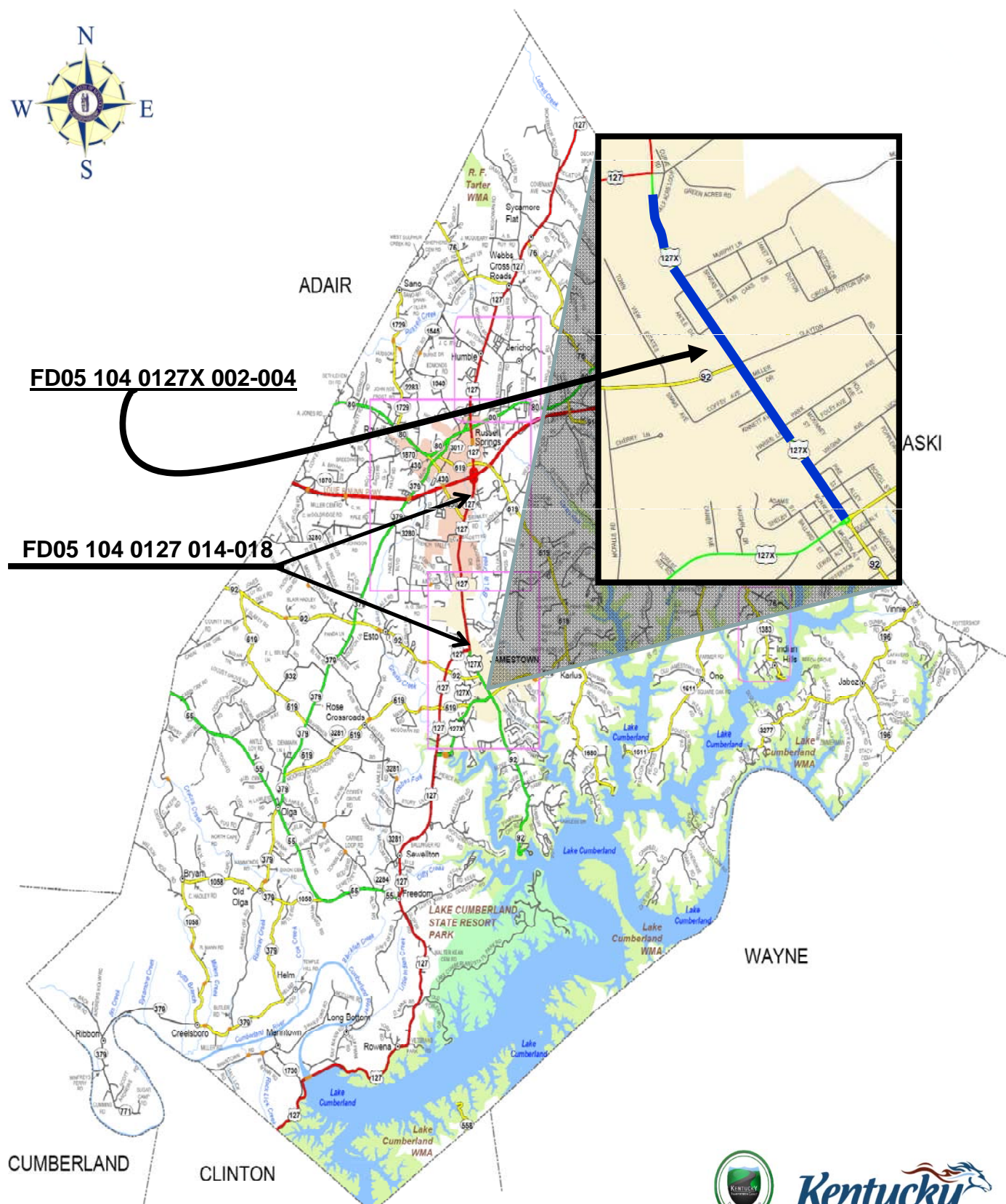


SAW SLOT EDGE OF PAVEMENT TRANSITION



CONDUIT UNDER EXISTING PAVEMENT DETAIL





**Functional Classification**  
**RUSSELL COUNTY**

MATERIAL SUMMARY

CONTRACT ID: 122256

FD05 104 0127 014-018 PES NO: MP10401271204  
JAMESTOWN-RUSSELL SPRINGS ROAD (US 127) FROM JCT US 127X-CLEAR SPRINGS ROAD (MP 14.142) EXT. NORTHERLY TO 0.099 MI N OF KY 1381 AT BEGIN. TRAFF. ISL (MP 17.620), A  
DISTANCE OF 3.480000 MILES.

LINE NO	BID CODE	DESCRIPTION	QUANTITY	UNIT
0010	00190	LEVELING & WEDGING PG64-22	302.00	TON
0020	00263	ASPHALT MIX FOR PAVEMENT WEDGE	160.00	TON
0030	00388	CL3 ASPH SURF 0.38B PG64-22	5,780.00	TON
0040	02562	SIGNS	710.00	SQFT
0050	02650	MAINTAIN & CONTROL TRAFFIC US 127	1.00	LS
0060	02676	MOBILIZATION FOR MILL & TEXT US 127	1.00	LS
0070	02677	ASPHALT PAVE MILLING & TEXTURING	3,250.00	TON
0080	02775	ARROW PANEL	1.00	EACH
0090	04793	CONDUIT-1 1/4 IN	130.00	LF
0100	04811	ELECTRICAL JUNCTION BOX TYPE B	2.00	EACH
0110	04820	TRENCHING AND BACKFILLING	100.00	LF
0120	04830	LOOP WIRE	4,100.00	LF
0130	04895	LOOP SAW SLOT AND FILL	2,600.00	LF
0140	06510	PAVE STRIPING-TEMP PAINT-4 IN	78,500.00	LF
0150	06514	PAVE STRIPING-PERM PAINT-4 IN	78,500.00	LF
0160	06566	PAVE MARKING-THERMO X-WALK-12 IN	1,015.00	LF
0170	06568	PAVE MARKING-THERMO STOP BAR-24IN	170.00	LF
0180	06573	PAVE MARKING-THERMO STR ARROW	5.00	EACH
0190	06574	PAVE MARKING-THERMO CURV ARROW	52.00	EACH
0200	06575	PAVE MARKING-THERMO COMB ARROW	1.00	EACH
0210	06589	PAVEMENT MARKER TYPE V-MW	43.00	EACH
0220	06591	PAVEMENT MARKER TYPE V-BY	794.00	EACH
0230	06600	REMOVE PAVEMENT MARKER TYPE V	837.00	EACH
0240	10020NS	FUEL ADJUSTMENT	8,534.00	DOLL
0250	10030NS	ASPHALT ADJUSTMENT	15,038.00	DOLL
0260	20362ES403	SHOULDER RUMBLE STRIPS-SAWED 12 INCH	8,660.00	LF
0270	20458ES403	CENTERLINE RUMBLE STRIPS	3,220.00	LF
0280	23158ES505	DETECTABLE WARNINGS RETROFIT	440.00	SQFT
0290	02569	DEMOBILIZATION	1.00	LS

MATERIAL SUMMARY

CONTRACT ID: 122256

FD05 104 127X 002-004 PES NO: MP104012712R1  
JAMESTOWN-RUSSELL SPRINGS ROAD (OLD US 127) FROM US 127X SOUTHBOUND (MP 2.134) EXT.  
EASTERLY TO 0.029 MILE S. OF US 127 (JAMESTOWN BYPASS) (MP 3.261), A DISTANCE OF 1.  
130000 MILES.

LINE NO	BID CODE	DESCRIPTION	QUANTITY	UNIT
0010	00190	LEVELING & WEDGING PG64-22	276.00	TON
0020	00388	CL3 ASPH SURF 0.38B PG64-22	2,520.00	TON
0030	02562	SIGNS	570.00	SQFT
0040	02650	MAINTAIN & CONTROL TRAFFIC US 127X	1.00	LS
0050	02676	MOBILIZATION FOR MILL & TEXT US 127X	1.00	LS
0060	02677	ASPHALT PAVE MILLING & TEXTURING	2,214.00	TON
0070	03287	SIDEWALK RAMP TYPE 1	8.00	EACH
0080	03289	SIDEWALK RAMP TYPE 3	1.00	EACH
0090	06510	PAVE STRIPING-TEMP PAINT-4 IN	14,250.00	LF
0100	06514	PAVE STRIPING-PERM PAINT-4 IN	22,500.00	LF
0110	06547	PAVE STRIPING-THERMO-12 IN Y	624.00	LF
0120	06566	PAVE MARKING-THERMO X-WALK-12 IN	380.00	LF
0130	06568	PAVE MARKING-THERMO STOP BAR-24IN	24.00	LF
0140	06570	PAVE MARKING-PAINT CROSS-HATCH	790.00	SQFT
0150	06571	PAVE MARKING-PAINT PARKING LOT	1,428.00	LF
0160	06573	PAVE MARKING-THERMO STR ARROW	4.00	EACH
0170	06574	PAVE MARKING-THERMO CURV ARROW	16.00	EACH
0180	06591	PAVEMENT MARKER TYPE V-BY	210.00	EACH
0190	06600	REMOVE PAVEMENT MARKER TYPE V	250.00	EACH
0200	20206EC	PAVE MARK HANDICAP SYMBOL	8.00	EACH
0210	20267EC	REM & RESET VEHICLE STOPS	4.00	EACH
0220	23158ES505	DETECTABLE WARNINGS RETROFIT CONSTRUCTION	294.00	SQFT
0230	23158ES505	DETECTABLE WARNINGS NEW CONSTRUCTION	80.00	SQFT
0240	02569	DEMOBILIZATION	1.00	LS

Russell County  
SIDEWALK RAMP AND DETECTABLE WARNING SUMMARY  
FD05 104 0127X 002-004

INTERSECTION	RAMP TYPE	RAMP SY	DETECTABLE WARNING QUANTITY	DETECTABLE WARNING		DETECTABLE WARNING (RETRO)		NOTES
				SF	SF	SF	SF	
2.134	1		1	10				SW CORNER
2.134	1		1	10				SE CORNER
2.158	1		1	10				SE CORNER
2.158						10		NE CORNER DT ONLY MUST BE CONTRASTING IN COLOR
2.172	1		1	10				SE CORNER
2.228	1		1	10				NW CORNER
2.272						12		SE CORNER TY 3 RETRO
2.272						12		NE CORNER TY 3 RETRO
2.272						10		SW CORNER
2.272	1		1	10				SE CORNER
2.326	1		1	10				NW CORNER
2.355						20		
2.464	1		1	10				SW CORNER
2.464						10		NW CORNER RETRO
2.489						20		East Side 2 Retros
2.549						20		West Side 2 Retros
2.62						20		East Side 2 Retros
2.641						20		West Side 2 Retros
2.697						20		West Side 2 Retros
2.697						20		East Side 2 Retros
2.827						20		West Side 2 Retros
2.871						20		East Side 2 Retros
2.95						20		West Side 2 Retros
2.982						20		East Side 2 Retros
3.214						20		East Side 2 Retros
TOTAL				8	0	80	294	

\*\*\*PAVERS SHALL BE A COLOR HOMOGENOUS THROUGHOUT THE PAVER, THAT COLOR SHALL CONTRAST VISUALLY WITH THE ADJOINING SURFACES, SLOPE AT APPROXIMATE STREET ELEVATION.

[illegible]

**\* WILL BE PAID AS 12 INCH YELLOW**

MPT.	INTERSECTION	SAW, SLOT AND FILL		LOOP WIRE		CONDUIT 1 1/4 INCH		CABLE NO. 14		FIBER OP. TYPE B		JUNCTION 10X8X4		TRENCHING & BACKFILLING		NOTES
		LF		LF		LF		LF		EA		EA				
14.964	Fruit of the Loom/Herriford	1600		2100		50				1			35			
16.618	French Valley/RCMS	1000		2000		80				1			65			
TOTAL		2600		4100		130		0		2		0	100			

**NOTES:**

INTERSECTION	RAMP	RAMP	DETECTABLE	DETECTABLE	DETECTABLE	NOTES

Location	TIME	DATE	SIGNATURE	ON	OFF	REMARKS (or)
14.142	US 127X / Clear Springs					20
14.702	Fox Road					20
14.817	Dabney Drive					20
14.964	Herriford / Fruit of Loom					20
15.137	Herriford Curve Road					20
15.223	Dogwood Raod					16
15.28	Airport Road					10
15.648	Cooper Road					16
15.703	Southside Drive					16
15.816	Barnett Road					16
15.828	Brian Walters Drive					16
15.897	Coe Lane					16
15.967	West Drive					20
15.99	Sambo Lane					16
16.134	Rescue Road					16
16.326	Progress Drive					20
16.456	Baldett Rd / Holt Ln					40
16.618	KY 3280 / R.C. Mid. Sch					60
16.756	Apache Ave					8
TOTAL		0	0	0	0	386

# Russell County

MPT.	INTERSECTION	X-WALKS 12 INCH		STP BARS 24 INCH		CURVE		ARROWS		"ONLY"		CATRAXX 6 INCH	"R" 6 FOOT		RAILROAD CROSS BUCK 16"		NOTES
		LF		LF		EA		EA	STR	COMB	EA		LF	EA		LF	
14.271						2											Center Turning Lane
14.506						2											Center Turning Lane
14.597						2											Center Turning Lane
14.878						2											Center Turning Lane
14.964	Fruit of the Loom / Herriford Curve Rd	515	101	9	2	1											
15.083				2													Center Turning Lane
15.167				2													Center Turning Lane
15.297				2													Center Turning Lane
15.422				2													Center Turning Lane
15.648				2													Center Turning Lane
15.87				2													Center Turning Lane
16.058				2													Center Turning Lane
16.288				2													Center Turning Lane
16.472				2													Center Turning Lane
16.575	French Valley / Middle School Entrance	500	69	8	3												
16.635				2													Center Turning Lane
16.656				2													Center Turning Lane
16.747				2													Center Turning Lane
16.881	KY 430			3													
TOTAL		1015	170	52	5	1						0	0	0		0	

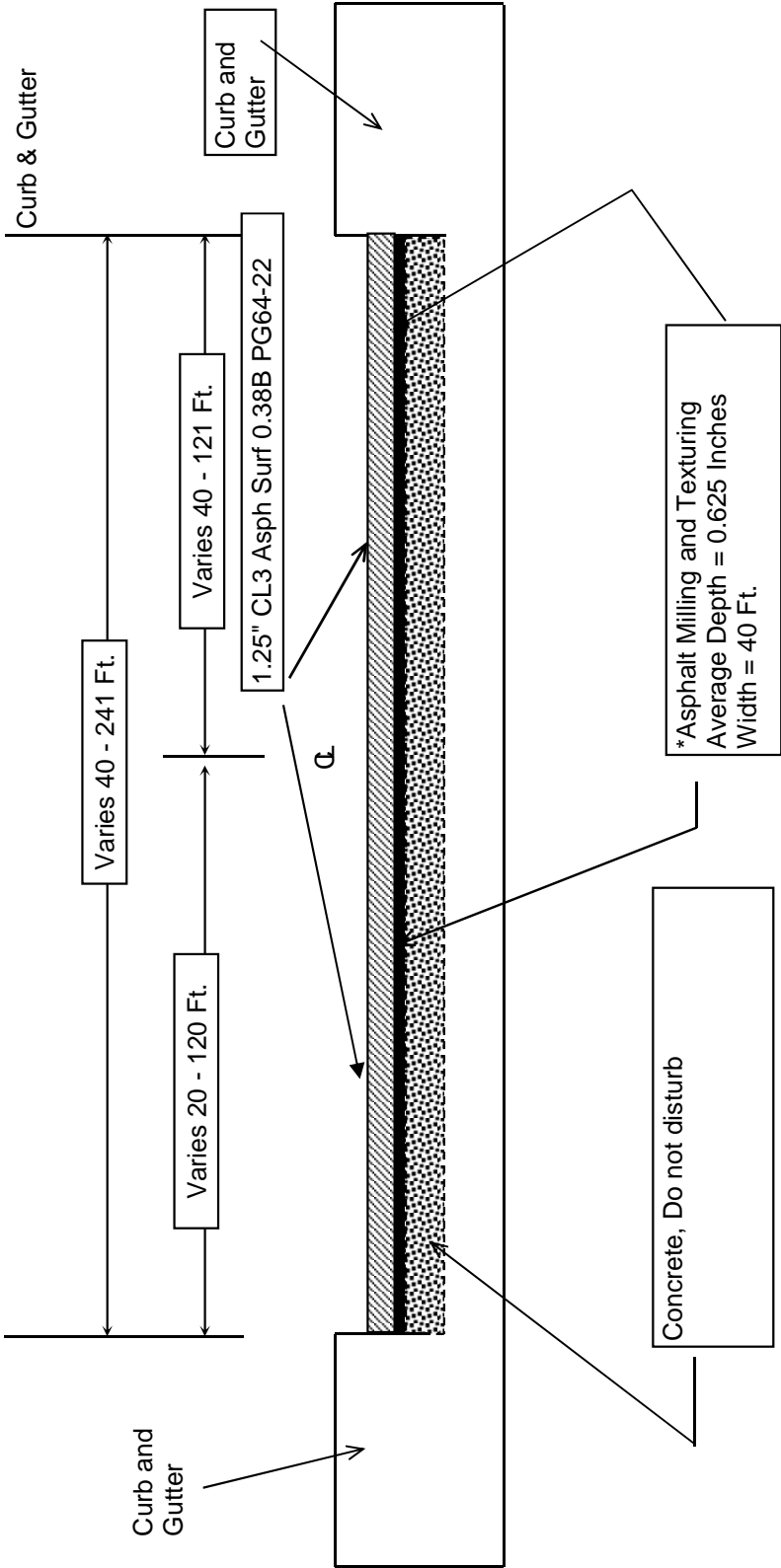


TYPICAL SECTION

RUSSELL COUNTY

FD05 104 0127X 002-004

MILEPOINTS 2.134 TO 2.464  
Includes Court Square and Parking

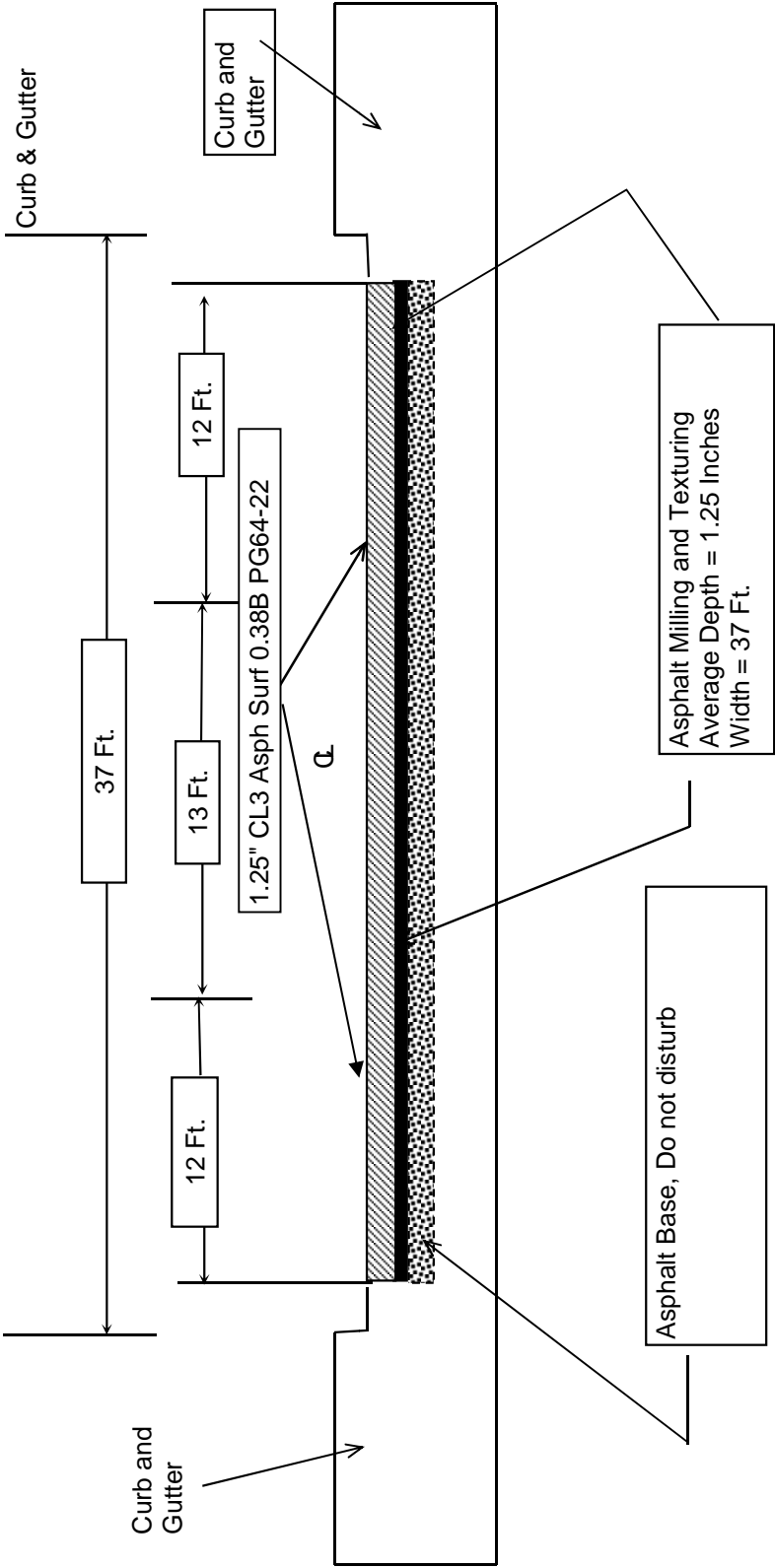


**\*NOTE: MILLING DEPTH IS HALF OF RESURFACING DEPTH DUE TO THIS SECTION HAVING CONCRETE UNDER THE EXISTING THIN LAYER OF ASPHALT. COMPACTION OPTION "A" IS WAIVED ON THIS SECTION DUE TO THE SAME REASON. COMPACTION OPTION "B" SHOULD BE USED ON SECTION FROM 2.234 TO 2.464.**

TYPICAL SECTION

RUSSELL COUNTY  
FD05 104 0127X 002-004

MILEPOINTS 2.464 TO 3.261



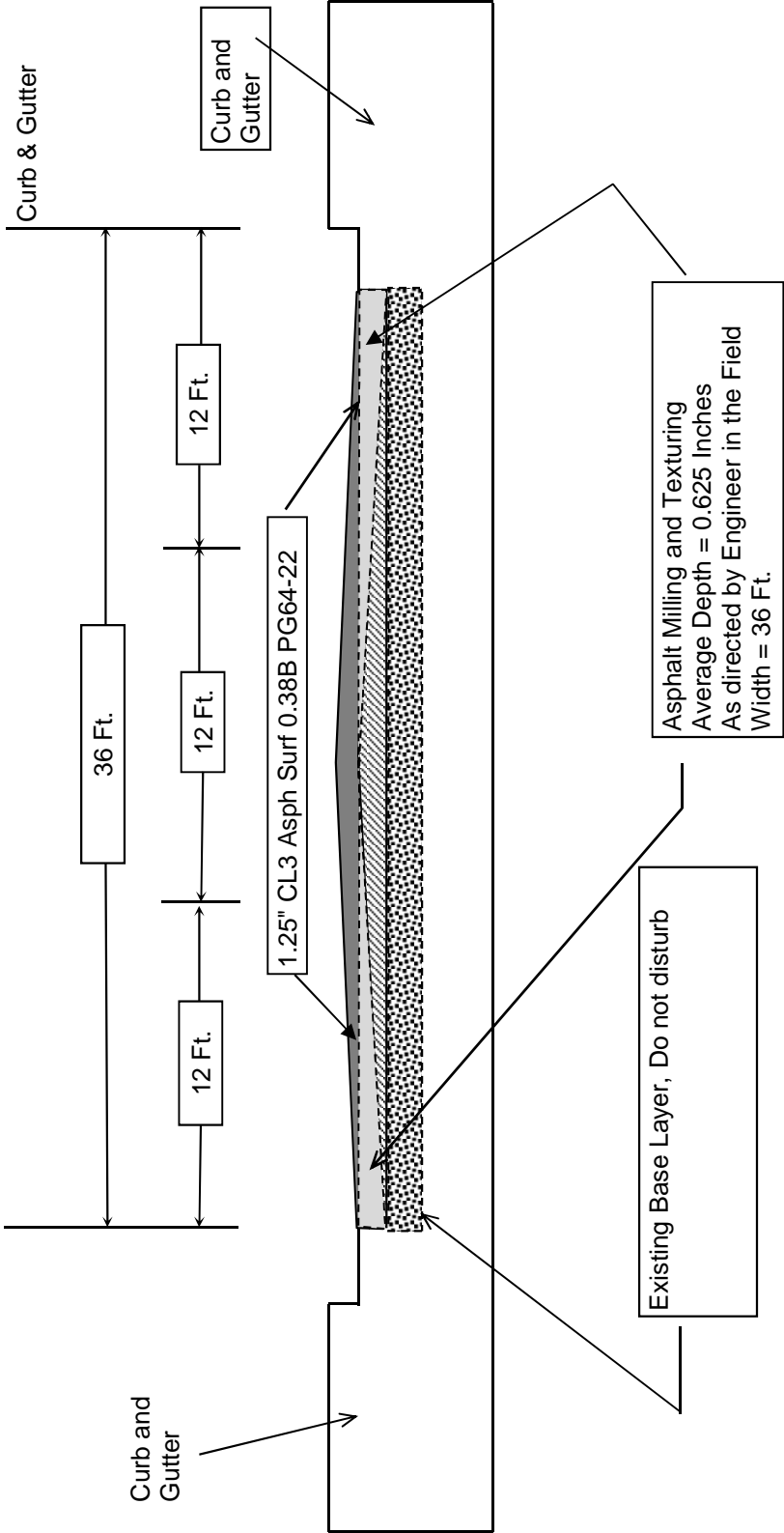
TYPICAL SECTION

RUSSELL COUNTY

FD05 104 0127 014-018

MILEPOINTS 14.142 TO 14.909

MILEPOINTS 15.056 TO 16.569



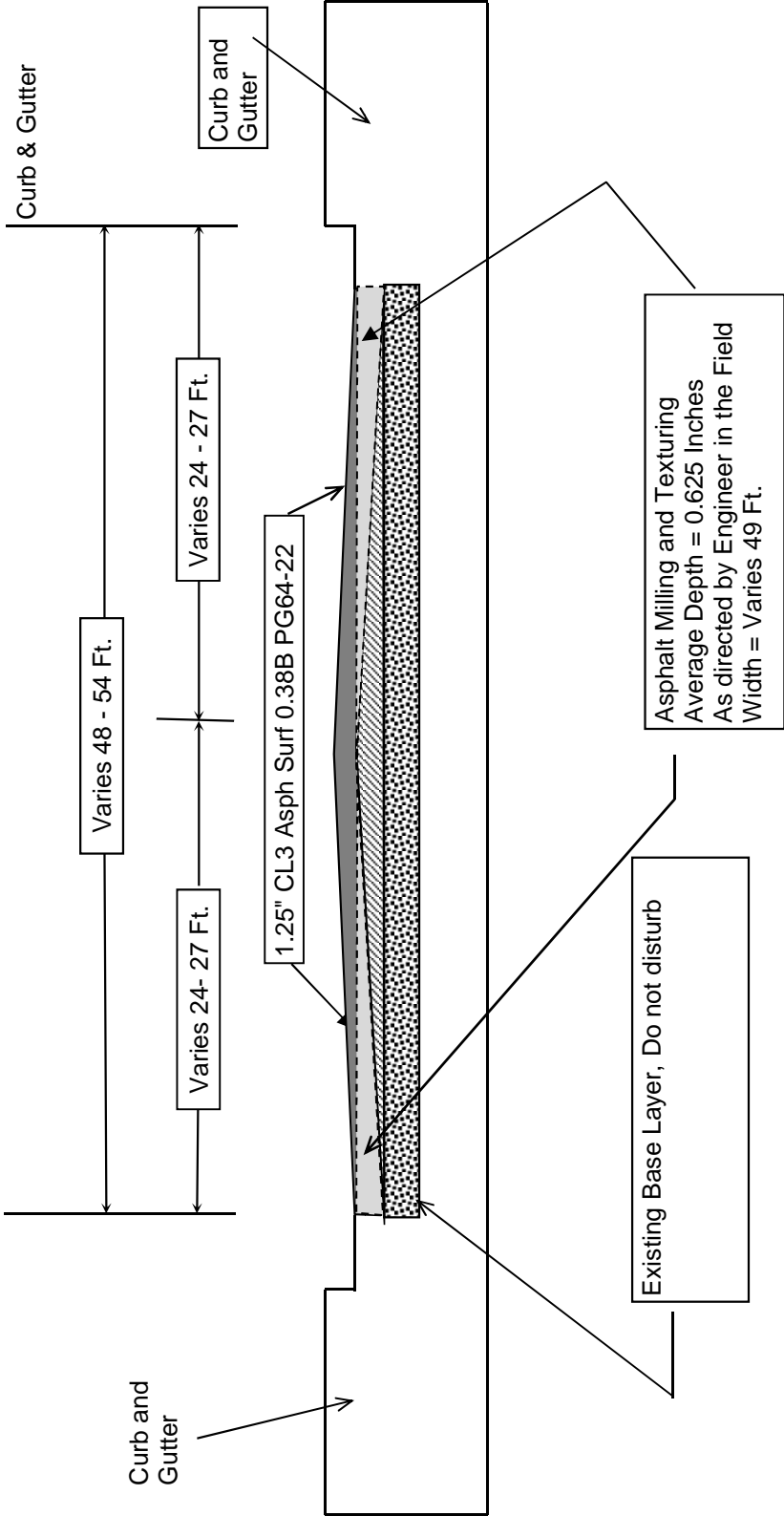
TYPICAL SECTION

RUSSELL COUNTY

FD05 104 0127 014-018

MILEPOINTS 14.909 TO 15.056

MILEPOINTS 16.569 TO 16.825

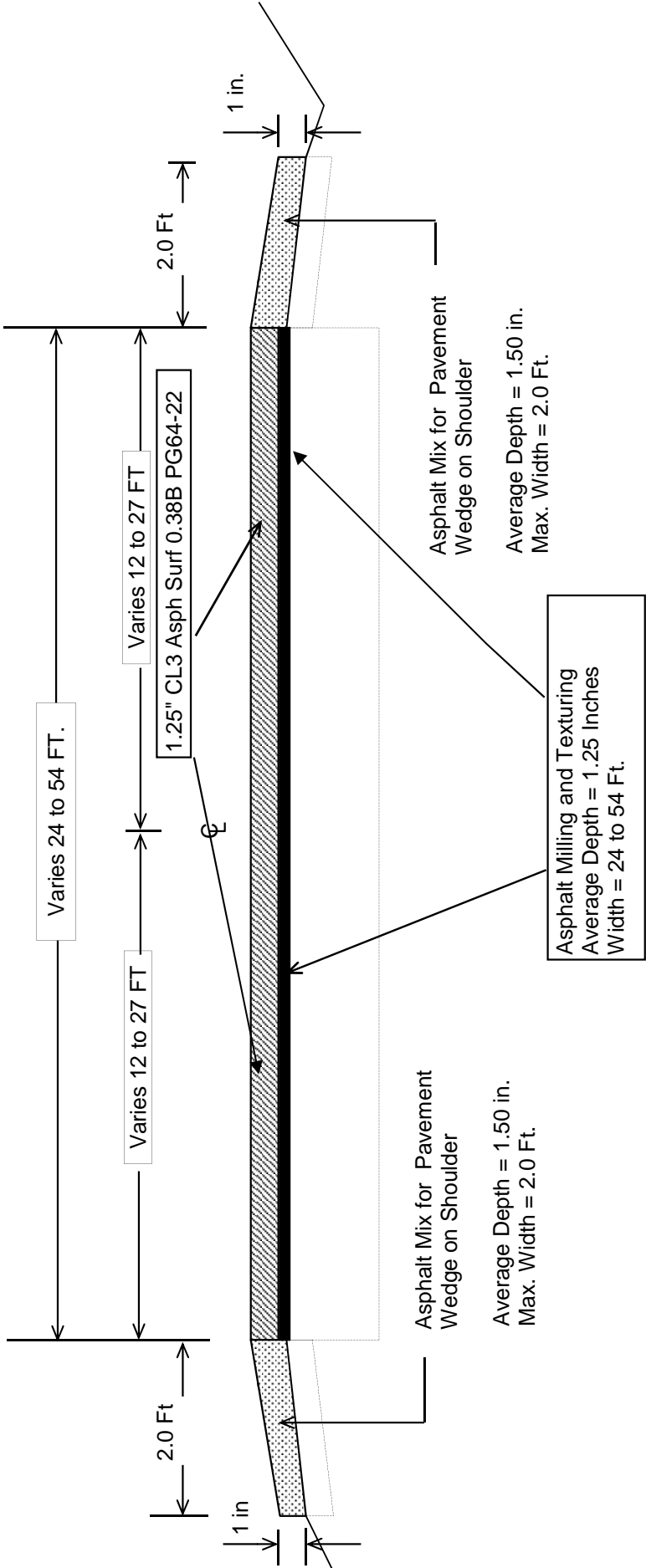


TYPICAL SECTION

RUSSELL COUNTY

FD05 104 0127 014-018

FROM MP 16.825 TO MP 17.620



CONSTRUCT CENTERLINE RUMBLE STRIPES FROM MP 17.011 TO 17.620  
CONSTRUCT EDGELINE RUMBLE STRIPES FROM MP 16.799 TO 17.620

**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 2012 with the 2012 Revision*.

**Supplemental Specifications to the Standard Specifications for Road and  
Bridge Construction, 2012 Edition**

**(Effective with the August 17, 2012 Letting)**

<b>Subsection:</b>	402.03.02 Contractor Quality Control and Department Acceptance.
<b>Part:</b>	D) Testing Responsibilities.
<b>Number:</b>	4) Density.
<b>Revision:</b>	Replace the second sentence of the Option A paragraph with the following: Perform coring by the end of the following work day.
<b>Subsection:</b>	606.03.17 Special Requirements for Latex Concrete Overlays.
<b>Part:</b>	A) Existing Bridges and New Structures.
<b>Number:</b>	1) Prewetting and Grout-Bond Coat.
<b>Revision:</b>	Add the following sentence to the last paragraph: Do not apply a grout-bond coat on bridge decks prepared by hydrodemolition.
<b>Subsection:</b>	609.03 Construction.
<b>Revision:</b>	Replace Subsection 609.03.01 with the following: 609.03.01 A) Swinging the Spans. Before placing concrete slabs on steel spans or precast concrete release the temporary erection supports under the bridge and swing the span free on its supports. 609.03.01 B) Lift Loops. Cut all lift loops flush with the top of the precast beam once the beam is placed in the final location and prior to placing steel reinforcement. At locations where lift loops are cut, paint the top of the beam with galvanized or epoxy paint.



## 2012 STANDARD DRAWINGS THAT APPLY

CURVE WIDENING AND SUPERELEVATION TRANSITIONS .....	RGS-001-06
SUPERELEVATION FOR MULTILANE PAVEMENTS .....	RGS-002-05
MISCELLANEOUS STANDARDS PART 1 .....	RGX-001-05
CONCRETE ENTRANCE PAVEMENT AND SIDEWALK.....	RPM-150-07
CONCRETE ENTRANCE PAVEMENT AND SIDEWALK.....	RPM-152-07
SIDEWALK RAMPS .....	RPM-170-08
SIDEWALK RAMP.....	RPM-172-06
PAVEMENT MARKER ARRANGEMENTS TWO-LANE TWO-WAY ROADWAYS.....	TPM-115-02
PAVEMENT MARKER ARRANGEMENTS TWO-WAY LEFT TURN LANE .....	TPM-140-02
LANE CLOSURE TWO-LANE HIGHWAY CASE I.....	TTC-100-03
LANE CLOSURE TWO-LANE HIGHWAY CASE II.....	TTC-105-02
LANE CLOSURE MULTI-LANE HIGHWAY CASE I.....	TTC-115-02
LANE CLOSURE MULTI-LANE HIGHWAY CASE II .....	TTC-120-02
SHOULDER CLOSURE.....	TTC-135-01
POST SPLICING DETAIL .....	TTD-110-01
PAVEMENT CONDITION WARNING SIGNS.....	TTD-125-01
MOBILE OPERATION FOR PAINT STRIPING CASE I.....	TTS-100-01
MOBILE OPERATION FOR PAINT STRIPING CASE II .....	TTS-105-01
MOBILE OPERATION FOR PAINT STRIPING CASE III .....	TTS-110-01
MOBILE OPERATION FOR PAINT STRIPING CASE IV .....	TTS-115-01

## **PART III**

### **EMPLOYMENT, WAGE AND RECORD REQUIREMENTS**

## **TRANSPORTATION CABINET DEPARTMENT OF HIGHWAYS**

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

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

#### **I. APPLICATION**

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

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

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

#### **II. NONDISCRIMINATION OF EMPLOYEES**

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

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

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

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

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

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

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

#### **III. PAYMENT OF PREDETERMINED MINIMUM WAGES**

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

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

#### **IV. STATEMENTS AND PAYROLLS**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Revised 2-16-95

## EXECUTIVE BRANCH CODE OF ETHICS

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

KRS 11A.040 (6) provides:

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

KRS 11A.040 (8) states:

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

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

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

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

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

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

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

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

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

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

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

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

KENTUCKY LABOR CABINET  
PREVAILING WAGE DETERMINATION  
CURRENT REVISION  
HIGHWAY CONSTRUCTION LOCALITY NO. II

Determination No. CR-11-II-HWY

Project No.  
Highway

Date of Determination: August 4, 2011

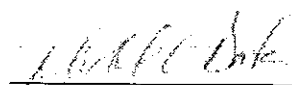
This schedule of the prevailing rate of wages for Locality No. II including the counties of ADAIR, BARREN, BELL, BREATHITT, CASEY, CLAY, CLINTON, CUMBERLAND, ESTILL, FLOYD, GARRARD, GREEN, HARLAN, HART, JACKSON, JOHNSON, KNOTT, KNOX, LAUREL, LAWRENCE, LEE, LESLIE, LETCHER, LINCOLN, MCCREARY, MAGOFFIN, MARTIN, MENIFEE, METCALFE, MONROE, MORGAN, OWSLEY, PERRY, PIKE, POWELL, PULASKI, ROCKCASTLE, RUSSELL, TAYLOR, WAYNE, WHITLEY, and WOLFE has been determined in accordance with the provisions of KRS 337.505 to 337.550. This determination shall be referred to as Prevailing Wage Determination No. CR-11-II-HWY.

The following schedule of rates is to be used for highway construction projects advertised or awarded by the Kentucky Transportation Cabinet. This includes any contracts for the relocation of any utilities or other incidental construction projects advertised or awarded by public authorities as a result of the highway construction project.

Apprentices or trainees shall be permitted to work in accordance with Administrative Regulations adopted by the Commissioner of the Department of Workplace Standards. Copies of these regulations will be furnished upon request to any interested person.

Overtime is to be computed at not less than one and one-half (1 1/2) times the indicated BASE RATE for all hours worked in excess of eight (8) hours per day, or in excess of forty (40) hours per week. However, KRS 337.540 permits an employee and employer to agree, in writing, that the employee will be compensated at a straight time base rate for hours worked in excess of eight (8) hours in any one calendar day, but not more than ten (10) hours worked in any one calendar day, if such written agreement is prior to the over eight (8) hours in a calendar day actually being worked, or where provided for in a collective bargaining agreement. The fringe benefit rate is to be paid for each hour worked at a straight time rate for all hours worked. Fringe benefit amounts are applicable for all hours worked except when otherwise noted. Welders will receive rate for craft in which welding is incidental.

No laborer, workman or mechanic shall be paid at a rate less than that of the General Laborer except those classified as bona fide apprentices registered with the Kentucky State Apprenticeship Supervisor unless otherwise specified in this schedule of wage rates.

  
Michael Donta, Deputy Commissioner  
Department of Workplace Standards

<u>CLASSIFICATIONS</u>	<u>RATE AND FRINGE BENEFITS</u>
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<b>BOILERMAKERS:</b>	BASE RATE	\$24.65
	FRINGE BENEFIT	12.94

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<b>BRICKLAYERS:</b>	BASE RATE	\$22.90
Bricklayers:	FRINGE BENEFITS	8.50

Stone Mason:	BASE RATE	\$21.50
	FRINGE BENEFITS	8.50

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<b>CARPENTERS:</b>	BASE RATE	\$22.40
Carpenters:	FRINGE BENEFITS	8.75

Piledrivers:	BASE RATE	\$22.05
	FRINGE BENEFITS	8.75

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<b>CEMENT MASONS:</b>	BASE RATE	\$21.25
	FRINGE BENEFITS	8.50

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<b>ELECTRICIANS:</b>	*BASE RATE	\$29.36
	FRINGE BENEFITS	10.55

\*When workmen are required to work from bosum chairs, trusses, stacks, tanks, scaffolds, catwalks, radio and T.V. towers, structural steel (open, unprotected, unfloored raw steel), and bridges or similar hazardous locations where workmen are subject to a direct fall, except where using JLG's and bucket trucks up to 75 feet: Add 25% to workman's base rate for 50 to 75 feet, and add 50% to workman's base rate for over 75 feet.

LINEMAN:	*BASE RATE	\$30.09
	FRINGE BENEFITS	10.94

EQUIPMENT OPERATOR:	*BASE RATE	\$26.90
	FRINGE BENEFITS	10.31

GROUNDSMAN:	*BASE RATE	\$17.79
	FRINGE BENEFITS	8.51

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<b>IRONWORKERS:</b>	BASE RATE	\$ 25.77
	FRINGE BENEFITS	18.54

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CLASSIFICATIONS

RATE AND FRINGE BENEFITS

**LABORERS:**

General laborer, flagman, steam jenny:	BASE RATE	\$20.84
	FRINGE BENEFITS	8.75
Batch truck dumper, deck hand or scow man, hand blade operator:	BASE RATE	\$20.84
	FRINGE BENEFITS	8.75
Power driven tool operator of the following: wagon drill, chain saw, sand blaster, concrete chipper, pavement breaker, vibrator, power wheelbarrow, power buggy, sewer pipe layer, bottom men, dry cement handler, concrete rubber, mason tender:	BASE RATE	\$21.09
	FRINGE BENEFITS	8.75
Asphalt lute and rakerman, side rail setter:	BASE RATE	\$21.14
	FRINGE BENEFITS	8.75
Gunnite nozzle man, gunnite operator:	BASE RATE	\$21.14
	FRINGE BENEFITS	8.75
Tunnel laborer (free air):	BASE RATE	\$21.14
	FRINGE BENEFITS	8.75
Tunnel mucker (free air):	BASE RATE	\$21.74
	FRINGE BENEFITS	8.75
Tunnel miner, blaster and driller (free air):	BASE RATE	\$21.74
	FRINGE BENEFITS	8.75
Caisson worker:	BASE RATE	\$21.74
	FRINGE BENEFITS	8.75
Powderman:	BASE RATE	\$21.44
	FRINGE BENEFITS	8.75
Drill operator of percussion type drills which are both powered and propelled by an independent air supply:	BASE RATE	\$22.64
	FRINGE BENEFITS	8.75

**CLASSIFICATIONS**

**RATE AND FRINGE BENEFITS**

**OPERATING ENGINEERS:**

**Group A:**

Auto patrol, batcher plant, bituminous paver, cable-way, clamshell, concrete mixer (21 cu. ft. or over), concrete pump, crane, crusher plant, derrick, derrick boat, ditching and trenching machine, dragline, dredge engineer, elevator (regardless of ownership when used for hoisting any building material), elevating grader and all types of loaders, hoe-type machine, hoisting engine, locomotive, LeTourneau or carry-all scoop, bulldozer, mechanic, orangepeel bucket, piledriver, power blade, roller (bituminous), roller (earth), roller (rock), scarifier, shovel, tractor shovel, truck crane, well points, winch truck, push dozer, grout pump, high lift, fork lift (regardless of lift height), all types of boom cats, multiple operator, core drill, tow or push boat, A-Frame winch truck, concrete paver, gradeall, hoist, hyster, material pump, pumpcrete, ross carrier, sheepfoot, sideboom, throttle-valve man, rotary drill, power generator, mucking machine, rock spreader attached to equipment, scoopmobile, KeCal loader, tower cranes (French, German and other types), hydrocrane, tugger, backfiller guries, self-propelled compactor, self-contained hydraulic percussion drill:

BASE RATE	\$23.80
FRINGE BENEFITS	8.75

**Group B:**

All air compressors (200 cu. ft. per min. or greater capacity), bituminous mixer, concrete mixer (under 21 cu. ft.), welding machine, form grader, tractor (50 H.P. and over), bull float, finish machine, outboard motor boat, brakeman, mechanic helper, whirly oiler, tractair and road widening trencher, articulating trucks:

BASE RATE	\$21.55
FRINGE BENEFITS	8.75

**Group B2:**

Greaser on grease facilities servicing heavy equipment:

BASE RATE	\$21.90
FRINGE BENEFITS	8.75

**Group C:**

Bituminous distributor, cement gun, conveyor, mud jack, paving joint machine, pump, tamping machine, tractors (under 50 H.P.), vibrator, oiler, air compressors (under 200 cu. ft. per min. capacity), concrete saw, burlap and curing machine, hydro seeder, power form handling equipment, deckhand oiler, hydraulic post driver:

BASE RATE	\$21.31
FRINGE BENEFITS	8.75

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**PAINTERS:**

All Excluding Bridges:

BASE RATE	\$19.92
FRINGE BENEFITS	9.57

Bridges:

BASE RATE	\$23.92
FRINGE BENEFITS	10.07

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<u>CLASSIFICATIONS</u>	<u>RATE AND FRINGE BENEFITS</u>	
<b>PLUMBERS:</b>	BASE RATE	\$22.52
	FRINGE BENEFITS	7.80
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<b>SHEET METAL:</b>	BASE RATE	\$20.40
	FRINGE BENEFITS	7.80
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<b>TRUCK DRIVERS:</b>		
Truck helper and warehouseman:	BASE RATE	\$21.10
	FRINGE BENEFITS	8.75
Driver, winch truck and A-Frame when used in transporting materials:	BASE RATE	\$21.46
	FRINGE BENEFITS	8.75
Driver, (semi-trailer or pole trailer), driver (dump truck, tandem axle), driver of distributor:	BASE RATE	\$21.45
	FRINGE BENEFITS	8.75
Driver on mixer trucks (all types):	BASE RATE	\$21.45
	FRINGE BENEFITS	8.75
Truck mechanic:	BASE RATE	\$21.38
	FRINGE BENEFITS	8.75
Driver (3 tons and under), tire changer and truck mechanic helper:	BASE RATE	\$21.15
	FRINGE BENEFITS	8.75
Driver on pavement breakers:	BASE RATE	\$21.46
	FRINGE BENEFITS	8.75
Driver (over 3 tons), driver (truck mounted rotary drill):	BASE RATE	\$21.45
	FRINGE BENEFITS	8.75
Driver, Euclid and other heavy earth moving equipment and Low Boy:	BASE RATE	\$21.46
	FRINGE BENEFITS	8.75
Greaser on greasing facilities:	BASE RATE	\$21.15
	FRINGE BENEFITS	8.75
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ERRATUM

Refer to the Locality Number and Determination Number listed below published by the Kentucky Labor Cabinet, Division of Employment Standards, Apprenticeship and Mediation dated August 4, 2011.

Locality: Highway Construction Locality No. II, including the following counties: Adair, Barren, Breathitt, Casey, Clay, Clinton, Cumberland, Estill, Floyd, Garrard, Green, Harlan, Hart, Jackson, Johnson, Knott, Knox, Laurel, Lawrence, Lee, Leslie, Letcher, Lincoln, McCreary, Magoffin, Martin, Menifee, Metcalfe, Monroe, Morgan, Owsley, Perry, Pike, Powell, Pulaski, Rockcastle, Russell, Taylor, Wayne, Whitley and Wolfe.

Determination Number: CR-II-II-HWY

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**DELETE:**

Ironworkers	BASE RATE	\$25.77
	FRINGE BENEFIT	18.54

**INSERT:**

Ironworker (Structural)	BASE RATE	\$22.50
	FRINGE BENEFIT	8.75

Ironworker (Reinforcing)	BASE RATE	\$22.30
	FRINGE BENEFIT	8.75

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Michael L. Dixon, Commissioner  
Department of Workplace Standards  
Kentucky Labor Cabinet  
Frankfort, KY 40601

This 8<sup>th</sup> day of November, 2011.

ERRATUM

Refer to the Locality Number and Determination Number listed below published by the Kentucky Labor Cabinet, Division of Employment Standards, Apprenticeship and Mediation dated August 4, 2011.

Locality: Highway Construction Locality No. II, including the following counties: Adair, Barren, Breathitt, Casey, Clay, Clinton, Cumberland, Estill, Floyd, Garrard, Green, Harlan, Hart, Jackson, Johnson, Knott, Knox, Laurel, Lawrence, Lee, Leslie, Letcher, Lincoln, McCreary, Magoffin, Martin, Menifee, Metcalfe, Monroe, Morgan, Owsley, Perry, Pike, Powell, Pulaski, Rockcastle, Russell, Taylor, Wayne, Whitley and Wolfe.

Determination Number: CR-II-II-HWY


**DELETE:**

Ironworker (Structural)	BASE RATE	\$22.50
	FRINGE BENEFIT	8.75
Ironworker (Reinforcing)	BASE RATE	\$22.30
	FRINGE BENEFIT	8.75

**INSERT:**

Ironworkers	BASE RATE	\$25.77
	FRINGE BENEFIT	18.54

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Michael L. Dixon, Commissioner  
Department of Workplace Standards  
Kentucky Labor Cabinet  
Frankfort, KY 40601

This 4<sup>TH</sup> day of May, 2012.

## **Kentucky Determination No. CR-11-II-HWY dated August 04, 2011**

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

No laborer, workman or mechanic shall be paid at a rate less than that of the General Laborer except those classified as bona fide apprentices registered with the Kentucky State Apprenticeship Supervisor unless otherwise specified in this schedule of wage rates.

These rates are listed pursuant to the Kentucky Determination No. CR-11-II HWY dated August 04, 2011, erratum dated November 8, 2011, and erratum dated May 4, 2012. Apprentices or trainees shall be permitted to work as such subject to Administrative Regulations adopted by the Commissioner of Workplace Standards. Copies of these regulations will be furnished upon request from any interested person.

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

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

**Kentucky Determination No. CR-11-II-HWY dated August 04, 2011**

**TO: EMPLOYERS/EMPLOYEES**

**PREVAILING WAGE SCHEDULE:**

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

**OVERTIME:**

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

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

Ryan Griffith, Director  
Division of Construction Procurement  
Frankfort, Kentucky 40622

## **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**

CONTRACT ID: 122256  
COUNTY: RUSSELL  
PROPOSAL: 104GR12P113-FD05

PAGE: 1  
LETTING: 08/17/12  
CALL NO: 413

LINE NO	ITEM	DESCRIPTION	APPROXIMATE UNIT QUANTITY	UNIT PRICE	AMOUNT
SECTION 0001 ROADWAY					
0010	00190	LEVELING & WEDGING PG64-22	578.000 TON		
0020	00263	ASPHALT MIX FOR PAVEMENT WEDGE	160.000 TON		
0030	00388	CL3 ASPH SURF 0.38B PG64-22	8,300.000 TON		
0040	02562	SIGNS	1,280.000 SQFT		
0050	02650	MAINTAIN & CONTROL TRAFFIC US 127	( 1.00) LS		
0060	02650	MAINTAIN & CONTROL TRAFFIC US 127X	( 1.00) LS		
0070	02676	MOBILIZATION FOR MILL & TEXT US 127	( 1.00) LS		
0080	02676	MOBILIZATION FOR MILL & TEXT US 127X	( 1.00) LS		
0090	02677	ASPHALT PAVE MILLING & TEXTURING	5,464.000 TON		
0100	02775	ARROW PANEL	1.000 EACH		
0110	03287	SIDEWALK RAMP TYPE 1	8.000 EACH		
0120	03289	SIDEWALK RAMP TYPE 3	1.000 EACH		
0130	04793	CONDUIT-1 1/4 IN	130.000 LF		
0140	04811	ELECTRICAL JUNCTION BOX TYPE B	2.000 EACH		
0150	04820	TRENCHING AND BACKFILLING	100.000 LF		
0160	04830	LOOP WIRE	4,100.000 LF		
0170	04895	LOOP SAW SLOT AND FILL	2,600.000 LF		
0180	06510	PAVE STRIPING-TEMP PAINT-4 IN	92,750.000 LF		
0190	06514	PAVE STRIPING-PERM PAINT-4 IN	101,000.000 LF		
0200	06547	PAVE STRIPING-THERMO-12 IN Y	624.000 LF		

RUSSELL COUNTY  
104GR12P113-FD05

KENTUCKY TRANSPORTATION CABINET  
DEPARTMENT OF HIGHWAYS  
FRANKFORT, KY 40622

CONTRACT ID: 122256  
COUNTY: RUSSELL  
PROPOSAL: 104GR12P113-FD05

PAGE: 2  
LETTING: 08/17/12  
CALL NO: 413

LINE NO	ITEM	DESCRIPTION	APPROXIMATE UNIT QUANTITY	UNIT PRICE	AMOUNT
0210	06566	PAVE MARKING-THERMO X-WALK-12 IN	1,395.000 LF		
0220	06568	PAVE MARKING-THERMO STOP BAR-24IN	194.000 LF		
0230	06570	PAVE MARKING-PAINT CROSS-HATCH	790.000 SQFT		
0240	06571	PAVE MARKING-PAINT PARKING LOT	1,428.000 LF		
0250	06573	PAVE MARKING-THERMO STR ARROW	9.000 EACH		
0260	06574	PAVE MARKING-THERMO CURV ARROW	68.000 EACH		
0270	06575	PAVE MARKING-THERMO COMB ARROW	1.000 EACH		
0280	06589	PAVEMENT MARKER TYPE V-MW	43.000 EACH		
0290	06591	PAVEMENT MARKER TYPE V-BY	1,004.000 EACH		
0300	06600	REMOVE PAVEMENT MARKER TYPE V	1,087.000 EACH		
0310	10020NS	FUEL ADJUSTMENT	8,534.000 DOLL	1.00	8,534.00
0320	10030NS	ASPHALT ADJUSTMENT	15,038.000 DOLL	1.00	15,038.00
0330	20206EC	PAVE MARK HANDICAP SYMBOL	8.000 EACH		
0340	20267EC	REM & RESET VEHICLE STOPS	4.000 EACH		
0350	20362ES403	SHOULDER RUMBLE STRIPS-SAWED 12 INCH	8,660.000 LF		
0360	20458ES403	CENTERLINE RUMBLE STRIPS	3,220.000 LF		
0370	23158ES505	DETECTABLE WARNINGS NEW CONSTRUCTION	80.000 SQFT		
0380	23158ES505	DETECTABLE WARNINGS RETROFIT	440.000 SQFT		
0390	23158ES505	DETECTABLE WARNINGS RETROFIT CONSTRUCTION	294.000 SQFT		
SECTION 0002 DEMOBILIZATION					
0400	02569	DEMOBILIZATION (AT LEAST 1.5%)	LUMP		
		TOTAL BID			