



**CALL NO. 403**

**CONTRACT ID. 242191**

**FRANKLIN COUNTY**

**FED/STATE PROJECT NUMBER 037GR24P036 - FD05**

**DESCRIPTION FRANKLIN COUNTY (KY 1263 & KY 420)**

**WORK TYPE ASPHALT RESURFACING**

**PRIMARY COMPLETION DATE 11/15/2024**

**LETTING DATE: June 20,2024**

Sealed Bids will be received electronically through the Bid Express bidding service until 10:00 AM EASTERN DAYLIGHT TIME June 20,2024. 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 - 05**

**CONTRACT ID - 242191**  
**037GR24P036 - FD05**  
**COUNTY - FRANKLIN**  
**PCN - MP03704202401**  
**FD05 037 0420 002-005**

OLD LAWRENCEBURG ROAD (KY 420) (MP 2.145) BEGIN AT KY 676 EXTENDING NORTH TO EAST SECOND STREET (MP 4.122), A DISTANCE OF 01.97 MILES.ASPHALT RESURFACING  
GEOGRAPHIC COORDINATES LATITUDE 38:11:01.00 LONGITUDE 84:52:27.00  
ADT 5,120

**PCN - MP03712632401**  
**FD05 037 1263 001-004**

BIG EDDY ROAD (KY 1263) (MP 1.724) BEGIN 0.192 MILES SOUTH OF TRAVIS CIRCLE EXTENDING NORTH TO KY 420 (MP 3.567), A DISTANCE OF 01.84 MILES.ASPHALT RESURFACING  
GEOGRAPHIC COORDINATES LATITUDE 38:10:11.00 LONGITUDE 84:51:44.00  
ADT 392

**COMPLETION DATE(S):**  
COMPLETED BY 11/15/2024                      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 electronic bidding software. 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.

### **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 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/construction-procurement](http://www.transportation.ky.gov/construction-procurement)). 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.

### **BOYCOTT PROVISIONS**

If applicable, the contractor represents that, pursuant to [KRS 45A.607](#), they are not currently engaged in, and will not for the duration of the contract engage in, the boycott of a person or an entity based in or doing business with a jurisdiction with which Kentucky can enjoy open trade. **Note:** The term Boycott does not include actions taken for bona fide business or economic reasons, or actions specifically required by federal or state law.

If applicable, the contractor verifies that, pursuant to KRS 41.480, they do not engage in, and will not for the duration of the contract engage in, in energy company boycotts as defined by KRS 41.472.

### **LOBBYING PROHIBITIONS**

The contractor represents that they, and any subcontractor performing work under the contract, have not violated the agency restrictions contained in [KRS 11A.236](#) during the previous ten (10) years, and pledges to abide by the restrictions set forth in such statute for the duration of the contract awarded.

The contractor further represents that, pursuant to [KRS 45A.328](#), they have not procured an original, subsequent, or similar contract while employing an executive agency lobbyist who was convicted of a crime related to the original, subsequent, or similar contract within five (5) years of the conviction of the lobbyist.

Revised: 2/29/2024

## 1.0 BUY AMERICA REQUIREMENT.

Follow the “Buy America” provisions as required by 23 U.S.C. § 313 and 23 C.F.R. § 635.410. Except as expressly provided herein all manufacturing processes of steel or iron materials including but not limited to structural steel, guardrail materials, corrugated steel, culvert pipe, structural plate, prestressing strands, and steel reinforcing bars shall occur in the United States of America, including the application of:

- Coating,
- Galvanizing,
- Painting, and
- Other coating that protects or enhances the value of steel or iron products.

The following are exempt, unless processed or refined to include substantial amounts of steel or iron material, and may be used regardless of source in the domestic manufacturing process for steel or iron material:

- Pig iron,
- Processed, pelletized, and reduced iron ore material, or
- Processed alloys.

The Contractor shall submit a certification stating that all manufacturing processes involved with the production of steel or iron materials occurred in the United States.

Produce, mill, fabricate, and manufacture in the United States of America all aluminum components of bridges, tunnels, and large sign support systems, for which either shop fabrication, shop inspection, or certified mill test reports are required as the basis of acceptance by the Department.

Use foreign materials only under the following conditions:

- 1) When the materials are not permanently incorporated into the project; or
- 2) When the delivered cost of such materials used does not exceed 0.1 percent of the total Contract amount or \$2,500.00, whichever is greater.

The Contractor shall submit to the Engineer the origin and value of any foreign material used.

## 2.0 – BUILD AMERICA, BUY AMERICA (BABA)

Contractor shall comply with the Federal Highway Administration (FHWA) Buy America Requirement in 23 C.F.R. § 635.410 and all relevant provisions of the Build America, Buy America Act (BABA), contained within the Infrastructure Investment and Jobs Act, Pub. L. No. 117-58, §§ 70901-52 enacted November 15, 2021. The BABA requires iron, steel, manufactured products, and construction materials used in infrastructure projects funded by federal financial assistance to be produced in the United States. Comply with 2 C.F.R § 184.

BABA permits FHWA participation in the Contract only if domestic steel and iron will be used on the Project. To be considered domestic, all steel and iron used, and all products manufactured from steel and iron must be produced in the United States and all manufacturing processes, including application of a coating, for these materials must occur in the United States. Coating includes all processes that protect or enhance the value of the material to which the coating is applied. This requirement does not preclude a minimal use of foreign steel and iron materials, provided the cost of such materials does not exceed 0.1% of the total contract amount under the Contract or \$2,500.00 whichever is greater.

BABA permits FHWA participation in the Contract only if all “construction materials” as defined in the Act are made in the United States. The Buy America preference applies to the following construction materials



SPECIAL NOTE – BUY AMERICA REQUIREMENTS AND BUILD  
AMERICA, BUY AMERICA (BABA) ACT

10/26/2023

incorporated into infrastructure projects: non-ferrous metals; plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables); glass (including optic glass); Fiber optic cable; optical fiber; lumber; engineered wood; and drywall. Contractor will be required to use construction materials produced in the United States on this Project. The Contractor shall submit a certification stating that all construction materials are certified to be BABA compliant.

Finally, BABA permits the continuation of FHWA's current general applicability waivers for manufactured products, raw materials, and ferryboat parts, but these waivers are subject to reevaluation, specifically the general applicability waiver for manufactured products.

The Contractor has completed and submitted, or shall complete and submit, to the Cabinet a Buy America/Build America, Buy America Certificate prior to the Cabinet issuing the notice to proceed, in the format below. After submittal, the Contractor is bound by its original certification.

A false certification is a criminal act in violation of 18 U.S.C. § 1001. The Contractor has the burden of proof to establish that it is in compliance.

At the Contractor's request, the Cabinet may, but is not obligated to, seek a waiver of Buy America requirements if grounds for the waiver exist under 23 C.F.R. § 635.410(c) or will comply with the applicable Buy America requirements if a waiver of those requirements is not available or not pursued by the Cabinet.

Please refer to the Federal Highway Administration's Buy America webpage for more information.

[Buy America - Construction Program Guide - Contract Administration - Construction - Federal Highway Administration \(dot.gov\)](#)

October 26, 2023 Letting

**BUY AMERICA / BUILD AMERICA, BUY AMERICA (ACT) MATERIALS CERTIFICATE OF COMPLIANCE**

The Contractor hereby certifies that it will comply with all relevant provisions of the Build America, Buy America Act, contained within the Infrastructure Investment and Jobs Act, Pub. L. NO. 117-58, §§ 70901-52, the requirements of 23 U.S.C. § 313, 23 C.F.R. § 635.410 and 2 C.F.R § 184.

Date Submitted:\_\_\_\_\_

Contractor:\_\_\_\_\_

Signature:\_\_\_\_\_

Printed Name:\_\_\_\_\_

Title:\_\_\_\_\_

**NOTE: THIS CERTIFICATION IS IN ADDITION TO ANY AND ALL REQUIREMENTS OUTLINED IN THE CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND/OR SPECIAL NOTES CONTAINED IN THE PROJECT PROPOSAL.**

## **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 electronic bidding software. Submittal of the Affidavit should be done along the bid in Bid Express.

April 30, 2018

### **SURFACING AREAS KY 1263**

The Department estimates the mainline surfacing width to be 20 feet.

The Department estimates the total mainline area to be surfaced to be 22,956 square yards.

The Department estimates the shoulder width to be 1 foot on each side.

The Department estimates the total shoulder area to be surfaced to be 2,163 square yards.

### **SURFACING AREAS KY 420**

The Department estimates the mainline surfacing width to be varied 22 to 54 feet.

The Department estimates the total mainline area to be surfaced to be 46,000 square yards.

The Department estimates the shoulder width to be varied 0 to 1 foot on each side.

The Department estimates the total shoulder area to be surfaced to be 1,706 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.

### **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.

### **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 KY 420 PAVEMENT MARKING MODIFICATIONS**

This Proposal does not include striping change plans; however it is anticipated that the segment of KY 420 (Capital Avenue) from Todd Street to US 60 (2<sup>nd</sup> Street) will be reconfigured from the current 4-lane divided typical section. The Contractor shall alert the Project Engineer a minimum of four weeks before milling is scheduled to begin to allow for coordination with KYTC D5 Traffic to ensure the new striping plans have been finalized. The new configuration is expected to include a single driving lane, bike lane and on-street parking in both directions and consist of 6-inch thermoplastic striping.

Per Section 713.03.01 of the Standard Specifications, the Contractor shall still be required to submit a record of existing pavement markings prior to beginning resurfacing activities. The Department requests these records be submitted at least four weeks prior to milling or paving in order to coordinate all desired changes between the District Traffic Engineer and the Contractor.

The new striping configuration plans and any other changes will be returned to the Contractor to ensure the desired modifications can be performed during final surfacing. As the Contractor is responsible for implementing any pavement marking changes, it is highly recommended all questions are addressed to the Project Engineer prior to striping. Any incorrect markings will be removed and replaced with the proper markings at the Contractor's expense and in a manner approved by the Engineer.

### **Special Note for Thermo Striping Application**

Contrary to Section 714.02.05 of the Standard Specifications for Road and Bridge Construction, thermoplastic application will be required to be by ribbon gun at all locations that are to be applied over milled rumble strips in lieu of an extrusion application.

## **Special Note for Historic Concrete Mix**

When specified as Historic, provide a Class A concrete mix conforming to Kentucky Standard Specification Section 601 with the following exceptions:

- Approved coarse aggregate shall be #8 or #9m river gravel. The coarse aggregate shall be at least 50% of the total aggregate in the mix with river sand being the fine aggregate.
- Achieve a “historic” weathered finish by use of a water based, pigmented, top surface retarder resulting in a surface depth etch of up to 1/8 inch. Apply and remove the surface retarder in accordance with manufacturer’s recommendations.
- Placement and removal of the surface retarder shall be considered incidental to the placed concrete.

## **SPECIAL NOTE FOR CONSTRUCTION OF SIDEWALK RAMPS**

### **GENERAL**

Unless otherwise stated in the contract, or as directed by or with prior approval from the Engineer, construct sidewalk ramps and adjacent roadway features in accordance with Section 505 of the Standard Specifications; Supplemental Specifications; Standard Drawings RPM-100-10, RPM-150-08, RPM-152-08, RPM-170-09, RPM-172-07, RGX-040-03; current editions as applicable.

Saw cut existing sidewalks, curb and gutter, and pavement, if present, and reconstruct sidewalk ramps with detectable warnings as directed or approved by the Engineer. Unless specified otherwise in the Contract, construct concrete 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.

During the work to bring the existing sidewalk ramps into current ADA standards, the elevation of the new ramp may be above the grade of the existing roadway. Following completion of the new sidewalk ramp, if a grade difference of 1/2" or greater exists between any portion of the new ramp and roadway, and more than 14 days will pass prior to beginning resurfacing, the Contractor will be required to install asphalt wedges to ensure the sidewalk facilities remain accessible until resurfacing activities begin.

Failure to maintain access to the new sidewalk ramps could result in Liquidated Damages being applied at a rate of \$200/day after 14 days. All liquidated damages will be applied cumulatively.

Except as required by the work or directed by the Engineer, do not disturb drainage pipes, catch basins and other roadway features on public or private property. Restore and/or re-install any damaged and/or disturbed features and private property 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. Following completion of the concrete work, backfill and regrade all disturbed areas to ensure they are flush with the sidewalk and back slopes match or are flatter than the pre-construction conditions. Seed and protect all disturbed earthen areas using Seed Mix Type I. Remove all construction debris, rocks and other undesirable material from the disturbed areas prior to seeding.

If the sidewalk ramp work is located at a signalized intersection, the sidewalk Contractor is to coordinate with the electrical Contractor and Engineer to ensure the necessary electrical components are located and installed prior to installing the new sidewalk ramp, such as but not limited to conduit and junction boxes. Following construction of new sidewalk, the Department will not be responsible for additional work required to complete the installation of the required electrical components due to improper planning or coordination. Any damage resulting to traffic signal or other electrical facilities shall be repaired at no cost to the Department.

The Contractor shall be responsible to ensure that all sidewalk ramp landings meet flush with the final asphalt surface and maintain positive drainage following the completion of the concrete work and resurfacing, regardless of the existing conditions. This work should be coordinated between the sidewalk and paving Contractors to ensure the final product does not cause standing water or negatively affects the ride quality of the roadway.

Install curb & gutter and header curbs as closely as possible to the standard drawing as field conditions permit or as directed by the Engineer. For example, header curb shall have a thickness of 7 inches and minimum depth of 12 inches below the pavement surface with the top modified to match surrounding conditions. Also, curb and gutter shall have a gutter depth of at least 8 inches with the thickness and curb varying to match existing conditions. Unless otherwise directed by the Engineer or if field conditions prohibit, ensure minimum 1-inch/1-foot (8.33%) transitions on all curb drawdowns, both adjacent to the roadway and parallel with the sidewalk and sidewalk ramp.

#### **MEASUREMENT & PAYMENT** (see attached payment example for additional detail)

**SIDEWALK-4 IN CONCRETE** – The Department will measure the new sidewalk and sidewalk ramps in accordance with Section 505.04 of the current Standard Specifications. The Department will not measure Roadway Excavation or Embankment in Place, but shall consider this work to be incidental to the bid item SIDEWALK-4 IN CONCRETE. Accept payment at the Contract unit price per square yard as full compensation for all labor, materials, equipment, and incidentals required for removal and disposal of existing sidewalk, excavation and embankment, construction of the sidewalk and ramps, and restoration of disturbed features in accordance with these notes or as directed by the Engineer. The bid item for SIDEWALK-4 IN CONCRETE will **NOT** include any curb and/or gutter along the edge of pavement, even if the curb and/or gutter is poured monolithic with the sidewalk. However, any curb not

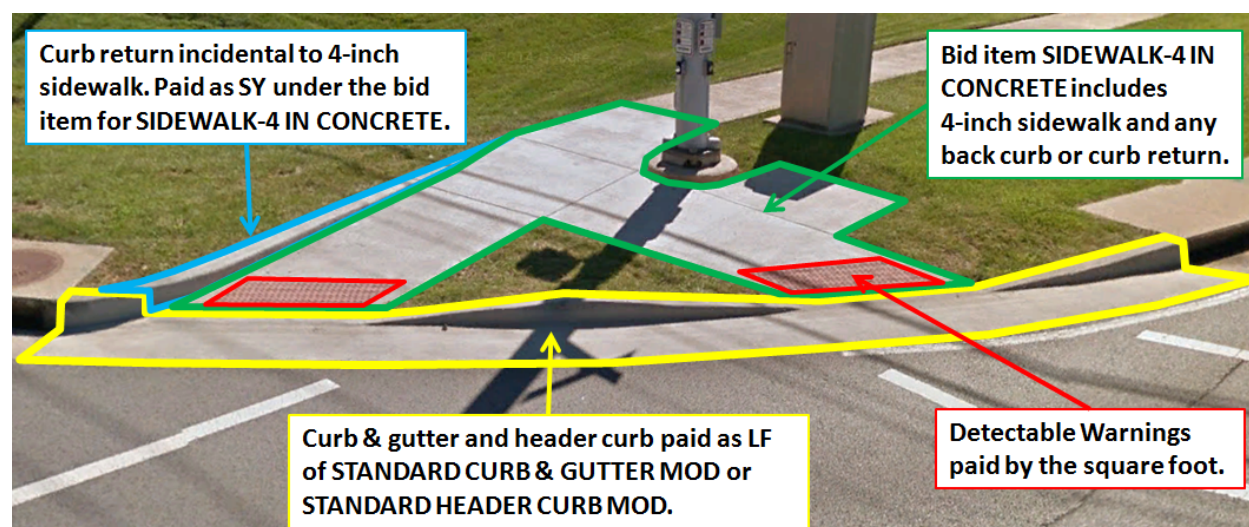
continually adjacent to the edge of pavement will be included in the measured square area of sidewalk and no additional compensation will be made regardless of depth or height (ie. back curb, curb returns, etc.). In the event that a small utility or curb box hood requires adjusting as part of this work, no additional compensation shall be made and will be considered incidental to the bid item for SIDEWALK-4 IN CONCRETE.

**DETECTABLE WARNINGS** – The Department will measure and make payment for Detectable Warnings in accordance with Section 505 of the Standard Specifications, Standard Drawing RGX-040-02 and Sepia 028, current editions.

**STANDARD CURB AND GUTTER** – The Department will measure and make payment for curb and gutter in accordance with Section 506 of the current Standard Specifications. Curb and gutter will be measured for the full length installed, including the area between the sidewalk ramp and roadway pavement. Accept payment at the Contract unit price per linear foot as full compensation for all labor, materials, equipment and incidentals required for removal and disposal of the existing curb and gutter, grade adjustments, transitions, restoration of adjacent pavement and disturbed areas, and all other work necessary to install the new curb and gutter to meet current ADA standards, Standard Drawing RPM-100-09 and the satisfaction of the Engineer. In the event that a small utility or curb box hood requires adjusting as part of this work, no additional compensation shall be made and will be considered incidental to the bid item for STANDARD CURB AND GUTTER.

**STANDARD HEADER CURB** – The Department will measure and make payment for header curb in accordance with Section 506 of the current Standard Specifications. Header curb will be measured for the full length installed, including the area between the sidewalk ramp and roadway pavement. Accept payment at the Contract unit price per linear foot as full compensation for all labor, materials, equipment and incidentals required for removal and disposal of the existing curb, grade adjustments, transitions, restoration of adjacent pavement and disturbed areas, and all other work necessary to install the new header curb to meet current ADA standards, Standard Drawing RPM-100-09 and the satisfaction of the Engineer. In the event that a small utility or curb box hood requires adjusting as part of this work, no additional compensation shall be made and will be considered incidental to the bid item for STANDARD HEADER CURB.

#### **SIDEWALK RAMP PAYMENT EXAMPLE**





## SPECIAL NOTE FOR NON-TRACKING TACK COAT

1. DESCRIPTION AND USEAGE. This specification covers the requirements and practices for applying a non-tracking tack asphalt coating. Place this material on the existing pavement course, prior to placement of a new asphalt pavement layer. Use when expedited paving is necessary or when asphalt tracking would negatively impact the surrounding area. This material is not suitable for other uses. Ensure material can “break” within 15 minutes under conditions listed in 3.2.
2. MATERIALS, EQUIPMENT, AND PERSONNEL.

2.1 Non-Tracking Tack. Provide material conforming to Subsection 2.1.1.

2.1.1 Provide a tack conforming to the following material requirements:

Property	Specification	Test Procedure
Viscosity, SFS, 77 ° F	20 – 100	AASHTO T 72
Sieve, %	0.3 max.	AASHTO T 59
Asphalt Residue <sup>1</sup> , %	50 min.	AASHTO T 59
Oil Distillate, %	1.0 max.	AASHTO T 59
Residue Penetration, 77 ° F	0 - 30	AASHTO T 49
Original Dynamic Shear (G*/sin δ), 82 ° C	1.0 min.	AASHTO T 315
Softening Point, ° F	149 min.	AASHTO T 53
Solubility, %	97.5 min.	AASHTO T 44

<sup>1</sup> Bring sample to 212 °F over a 10-15 minute period. Maintain 212 °F for 15-20 minutes or until 30-40 mL of water has distilled. Continue distillation as specified in T59.

- 2.2. Equipment. Provide a distributor truck capable of heating, circulating, and spraying the tack between 170 °F and 180 °F. Do not exceed 180 °F. Circulate the material while heating. Provide the correct nozzles that is recommend by the producer to ensure proper coverage of tack is obtained. Ensure the bar can be raised to between 14” and 18” from the roadway.
- 2.3. Personnel. Ensure the tack supplier has provided training to the contractor on the installation procedures for this product. Make a technical representative from the supplier available at the request of the Engineer.

## 3. CONSTRUCTION.

3.1 Surface Preparation. Prior to the application of the non-tracking tack, ensure the pavement surface is thoroughly dry and free from dust or any other debris that would inhibit adhesion. Clean the surface by scraping, sweeping, and the use of compressed air. Ensure this preparation process occurs shortly before application to prevent the return of debris on to the pavement. If rain is expected within one hour after application, do not apply material. Apply material only when the surface is dry, and no precipitation is expected.

3.2 Non-tracking Tack Application. Placement of non-tracking tack is not permitted from October 1<sup>st</sup> to May 15<sup>th</sup>. When applying material, ensure the roadway temperature is a minimum of 40°F and rising. Prior to application, demonstrate competence in applying the tack according to this note to the satisfaction of the Engineer. Heat the tack in the distributor to between 170 – 180 °F. After the initial heating, between 170 – 180 °F, the material may be sprayed between 165 °F and 180 °F. Do not apply outside this temperature range. Apply material at a minimum rate of 0.70 pounds (0.08 gallons) per square yard. Ensure full coverage of the material on the pavement surface. Full coverage of this material is critical. Increase material application rate if needed to achieve full coverage. Schedule the work so that, at the end of the day's production, all non-tracking tack is covered with the asphalt mixture. If for some reason the non-tracking tack cannot be covered by an asphalt mixture, ensure the non-tracking tack material is clean and reapply the non-tracking tack prior to placing the asphalt mixture. Do not heat material more than twice in one day.

3.3 Non-tracking Tack Certification. Furnish the tack certification to the Engineer stating the material conforms to all requirements herein prior to use.

3.4 Sampling and Testing. The Department will require a sample of non-tracking tack be taken from the distributor at a rate of one sample per 15,000 tons of mix. Take two 1 gallon samples of the heated material and forward the sample to the Division of Materials for testing within 7 days. Ensure the product temperature is between 170 and 180 °F at the time of sampling.

4. MEASUREMENT. The Department will measure the quantity of non-tracking tack in tons. The Department will not measure for payment any extra materials, labor, methods, equipment, or construction techniques used to satisfy the requirements of this note. The Department will not measure for payment any trial applications of non-tracking tack, the cleaning of the pavement surface, or furnishing and placing the non-tracking tack. The Department will consider all such items incidental to the non-tracking tack.
5. PAYMENT. The Department will pay for the non-tracking tack at the Contract unit bid price and apply an adjustment for each manufacturer's lot of material based on the degree of compliance as defined in the following schedule. Non-tracking tack will not be permitted for use from October 1<sup>st</sup> to May 15<sup>th</sup>. During this timeframe, the department will allow the use of an approved asphalt emulsion in lieu of a non-tracking tack product but will not adjust the unit bid price of the material. When a sample fails on two or more tests, the Department may add the deductions, but the total deduction will not exceed 100 percent.

Non-Tracking Tack Price Adjustment Schedule						
Test	Specification	100% Pay	90% Pay	80% Pay	50% Pay	0% Pay
Viscosity, SFS, 77 ° F	20 – 100	19 - 102	17 - 18	15 - 16	14	≤13
			103 - 105	106 - 107	108 - 109	≥ 110
Sieve, %	0.30 max.	≤ 0.40	0.41 - 0.50	0.51 - 0.60	0.61 - 0.70	≥ 0.71
Asphalt Residue, %	50 min.	≥49.0	48.5 – 48.9	48.0 – 48.4	47.5-47.9	≤ 47.4
Oil Distillate, %	1.0 max.	≤1.0	1.1-1.5	1.6 - 1.7	1.8-1.9	>2.0
Residue Penetration, 77 ° F.	30 max.	≤ 31	32 - 33	34 - 35	36 - 37	≥ 38
Original Dynamic Shear (G*/sin δ), 82 ° C	1.0 min.	≥0.95	0.92 – 0.94	0.90 – 0.91	0.85 - 0.89	≤ 0.84
Softening Point, ° F	149 min.	≥145	142 - 144	140 - 141	138 - 139	≤ 137
Solubility, %	97.5 min.	≥ 97.0	96.8 – 96.9	96.6 – 96.7	96.4 – 96.5	≤ 96.3

Code  
24970EC

Pay Item  
Asphalt Material for Tack Non-Tracking

Pay Unit  
Ton

Revised: May 23, 2022

## **SPECIAL NOTE FOR ELECTRONIC DELIVERY MANAGEMENT SYSTEM (e-Ticketing)**

This Special Note will apply when indicated on the plans or in the proposal. Section references herein are to the Department's Standard Specifications for Road and Bridge Construction current edition.

**1.0 DESCRIPTION.** Incorporate an e-Ticketing Delivery Software for weighed asphalt material delivered to the project to report loads and provide daily running totals of weighed asphalt material for pay items and incidental work during the construction processes from the point of measurement and loading to the point of incorporation to the project.

**2.0 MATERIALS AND EQUIPMENT.** Contractor shall supply material data in JavaScript Object Notation (JSON) documents to the KYTC e-Ticketing Delivery Software (KYTC e-Ticketing Portal) via Application Programming Interface (API) or direct connection. Test and verify that ticket data can be shared from the original source no fewer than 30 days prior to material placement activities. An e-Ticketing Delivery Software supplier can provide a qualified representative for on-site technical assistance during the initial setup, pre-construction verifications, and data management and processing as needed during the Project to maintain material data delivery capabilities. Virtual meetings may be hosted in lieu of on-site meetings when deemed appropriate by the Engineer.

Provide e-Ticketing Delivery Software that will meet the following:

1. The e-Ticketing Delivery Software shall be fully integrated with the Contractor's Load Read-Out scale system at the material source location.
2. The e-Ticketing Delivery Software shall provide real-time delivery to KYTC e-Ticketing Portal.
3. Transmit any updates to the ticket data within 5 minutes of a change.

**3.0 CONSTRUCTION.** Provide the Engineer with the manufacturer's specifications and all required documentation for data access at the pre-construction conference.

### **A. Construction Requirements**

1. Install and operate software in accordance with the manufacturer's specifications.
2. Verify that all pertinent information is provided by the software within the requirements of this Special Note.

### **B. Data Deliverables**

Provide to the Engineer a means in which to gather report summaries by way of iOS apps, web pages, or any other method at the disposal of the Engineer. The Engineer may request data at any time during the project.

#### **1. Asphalt Material**

##### **a. Real-time Continuous Data Items**

Provide the Engineer access to JSON documents capable of being transmitted through the KYTC's e-Ticketing Portal that displays the following information in real-time with a web-based system compatible with iOS and Windows environments.

- Each Truck
  - Supplier Name
  - Supplier Address
  - Supplier Phone
  - Plant location
  - Date
  - Time at source
  - Project Location

- Contract ID#
- Carrier Name
- Unique Truck ID
- Description of Material
- Mix Design Number
- Gross, Tare and Net Weight
- Weighmaster

**4.0 MEASUREMENT.**     The Department will measure the electronic delivery management system as a lump sum item.

**5.0 PAYMENT.**     The Department will make payment for the completed and accepted quantities under the following:

1.    Payment is full compensation for all work associated with providing all required equipment, training, and documentation.
  
2.    Payment will be full compensation for costs related to providing the e-Ticketing Delivery Software, including integration with plant load-out systems, and report viewing/exporting process. All quality control procedures including the software representative’s technical support and on-site training shall be included in the Contract lump sum price.

<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>
26228EC	ELECTRONIC DELIVERY MGMT SYSTEM	LS

January 2024

**SPECIAL NOTE FOR MANHOLE ADJUSTMENTS  
KY 420**

The City of Frankfort is responsible for manhole adjustments. 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 Manhole Adjustments  
01/01/2009

## 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.



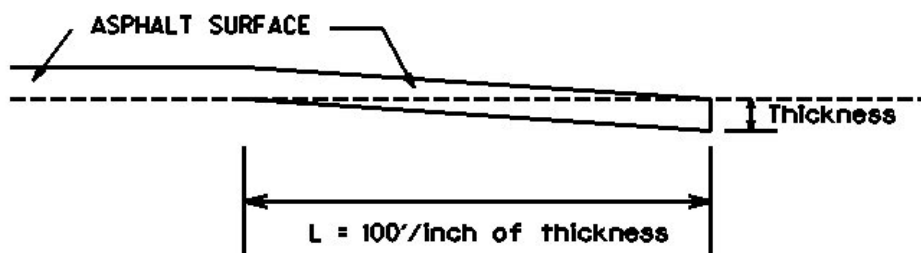
**3.0 MEASUREMENT.** The Department will measure Asphalt Surface Mixture placed as the pavement wedge according to Section 403.

**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 KY 1263**

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 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

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

Maintain all lanes open to traffic and perform no work during the following hours:

KY 420

6:30 a.m. - 6:00 p.m.	Monday through Thursday
6:30 a.m. - 6:00 p.m.	Friday
7:30 a.m. - 6:00 p.m.	Saturday
7:30 a.m. - 6:00 p.m.	Sunday

The Engineer may permit minor operations that do not require a lane closure and cause little disruption to traffic between the hours of 6:30 a.m. to 6:00 p.m.

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

At locations with three or more lanes, always maintain one lane of traffic in each direction during construction. At locations with two lanes, maintain alternating one-way traffic during construction. Provide a minimum clear lane width of 9 feet (KY 1263 & KY 420); 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.

The Department will allow night work on this project. Obtain the Engineer’s approval of the method of lighting prior to performing night work.

Take these restrictions into account in submitting bid. The Department will not consider any claims for money or grant contract time extensions for any delays to the Contractor as a result of these restrictions.

Traffic Control Plan  
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## **LANE CLOSURES**

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

## **SIGNS**

Signposts 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**

Provide changeable message signs in advance of and within the project at locations determined by the Engineer. If work is in progress concurrently in both directions or if more than one lane closure is in place in the same direction of travel, provide additional changeable message signs as directed by the Engineer. Place changeable message signs one mile in advance of the anticipated queue at each lane closure. As the actual queue lengthens and/or shortens, relocate or provide additional changeable message signs so that traffic has warning of slowed or stopped traffic at least one mile but not more than two miles before reaching the end of the actual queue. The Engineer may vary the designated locations as the work progresses. The Engineer will determine the messages to be displayed. In the event of damage or mechanical/electrical failure, repair or replace the Changeable Message Sign within 24 hours. The Department will measure for payment the maximum number of Changeable Message Signs in concurrent use at the same time on a single day on all sections of the contract. The Department will measure individual Changeable Message Signs 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 Changeable Message Signs or for signs the Engineer directs be replaced due to poor condition or readability. Retain possession of the Changeable Message Signs upon completion of the work.

## **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 Arrow Panels in concurrent use at the same time on a single

Traffic Control Plan  
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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.

### **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.

### **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

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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 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 exceptions:

1. Include edge lines in Temporary Striping; and
2. Place Temporary or Permanent Striping before opening a lane to traffic; and
3. 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.

## **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

Traffic Control Plan  
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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.

## **USE AND PLACEMENT OF CHANGEABLE MESSAGE SIGNS**

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

### **Application**

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

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

### **CMS should not be used for:**

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



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### **Messages**

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

- Visible for at least ½ mile under ideal daytime and nighttime conditions
- Legible from all lanes a minimum of 650 feet
- Entire message readable twice while traveling at the posted speed
- Nor more than two message panels should be used (three panels may be used on roadways where vehicles are traveling less than 45 mph). A panel is the message that fits on the face of the sign without flipping or scrolling.
- Each panel should convey a single thought; short and concise
- Do not use two unrelated panels on a sign
- Do not use the sign for two unrelated messages
- Should not scroll text horizontally or vertically
- Should not contain both the words left and right
- Use standardized abbreviations and messages
- Should be accurate and timely
- Avoid filler/unnecessary words and periods (hazardous, a, an, the)
- Avoid use of speed limits
- Use words (not numbers) for dates

### **Placement**

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

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

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### Standard Abbreviations

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

<b><u>Word</u></b>	<b><u>Abbrev.</u></b>	<b><u>Example</u></b>
Access	ACCS	ACCIDENT AHEAD/USE ACCS RD NEXT RIGHT
Alternate	ALT	ACCIDENT AHEAD/USE ALT RTE NEXT RIGHT
Avenue	AVE	FIFTH AVE CLOSED/DETOUR NEXT LEFT
Blocked	BLKD	FIFTH AVE BLKD/MERGE LEFT
Boulevard	BLVD	MAIN BLVD CLOSED/USE ALT RTE
Bridge	BRDG	SMITH BRDG CLOSED/USE ALT RTE
Cardinal Directions	N, S, E, W	N I75 CLOSED/ DETOUR EXIT 30
Center	CNTR	CNTR LANE CLOSED/MERGE LEFT
Commercial	COMM	OVRSZ COMM VEH/USE I275
Condition	COND	ICY COND POSSIBLE
Congested	CONG	HVY CONG NEXT 3 MI
Construction	CONST	CONST WORK AHEAD/EXPECT DELAYS
Downtown	DWNTN	DWNTN TRAF USE EX 40
Eastbound	E-BND	E-BND I64 CLOSED/DETOUR EXIT 20
Emergency	EMER	EMER VEH AHEAD/PREPARE TO STOP
Entrance, Enter	EX, EXT	DWNTN TRAF USE EX 40
Expressway	EXPWY	WTRSN EXPWY CLOSED/DETOUR EXIT 10
Freeway	FRWY, FWY	GN SYNDR FWY CLOSED/DETOUR EXIT 15
Hazardous Materials	HAZMAT	HAZMAT IN ROADWAY/ALL TRAF EXIT 25
Highway	HWY	ACCIDENT ON AA HWY/EXPECT DELAYS
Hour	HR	ACCIDENT ON AA HWY/2 HR DELAY
Information	INFO	TRAF INFO TUNE TO 1240 AM
Interstate	I	E-BND I64 CLOSED/DETOUR EXIT 20
Lane	LN	LN CLOSED/MERGE LEFT
Left	LFT	LANE CLOSED/MERGE LFT
Local	LOC	LOC TRAF USE ALT RTE
Maintenance	MAINT	MAINT WRK ON BRDG/SLOW
Major	MAJ	MAJ DELWAYS I75/USE ALT RTE

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Mile	MI	ACCIDENT 3 MI AHEAD/ USE ALT RTE
Minor	MNR	ACCIDENT 3 MI MNR DELAY
Minutes	MIN	ACCIDENT 3 MI/30 MIN DELAY
Northbound	N-BND	N-BND I75 CLOSED/ DETOUR EXIT 50
Oversized	OVRSZ	OVRSZ COMM VEH/USE I275 NEXT RIGHT
Parking	PKING	EVENT PKING NEXT RGT
Parkway	PKWY	CUM PKWAY TRAF/DETOUR EXIT 60
Prepare	PREP	ACCIDENT 3 MIL/PREP TO STOP
Right	RGT	EVENT PKING NEXT RGT
Road	RD	HAZMAT IN RD/ALL TRAF EXIT 25
Roadwork	RDWK	RDWK NEXT 4 MI/POSSIBLE DELAYS
Route	RTE	MAJ DELAYS I75/USE ALT RTE
Shoulder	SHLDR	SHLDR CLOSED NEXT 5 MI
Slippery	SLIP	SLIP COND POSSIBLE/ SLOW SPD
Southbound	S-BND	S-BND I75 CLOSED/DETOUR EXIT 50
Speed	SPD	SLIP COND POSSIBLE/ SLOW SPD
Street	ST	MAIN ST CLOSED/USE ALT RTE
Traffic	TRAF	CUM PKWAY TRAF/DETOUR EXIT 60
Vehicle	VEH	OVRSZ COMM VEH/USE I275 NEXT RIGHT
Westbound	W-BND	W-BND I64 CLOSED/DETOUR EXIT 50
Work	WRK	CONST WRK 2MI/POSSIBLE DELAYS

Certain abbreviations are prone to inviting confusion because another word is abbreviated or could be abbreviated in the same way. DO NO USE THESE ABBREVIATIONS.

<u>Abbrev.</u>	<u>Intended Word</u>	<u>Word Erroneously Given</u>
ACC	Accident	Access (Road)
CLRS	Clears	Colors
DLY	Delay	Daily
FDR	Feeder	Federal
L	Left	Lane (merge)
LOC	Local	Location
LT	Light (traffic)	Left
PARK	Parking	Park
POLL	Pollution (index)	Poll
RED	Reduce	Red
STAD	Stadium	Standard

TEMP WRNG	Temporary Warning	Temperature Wrong
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TYPICAL MESSAGES

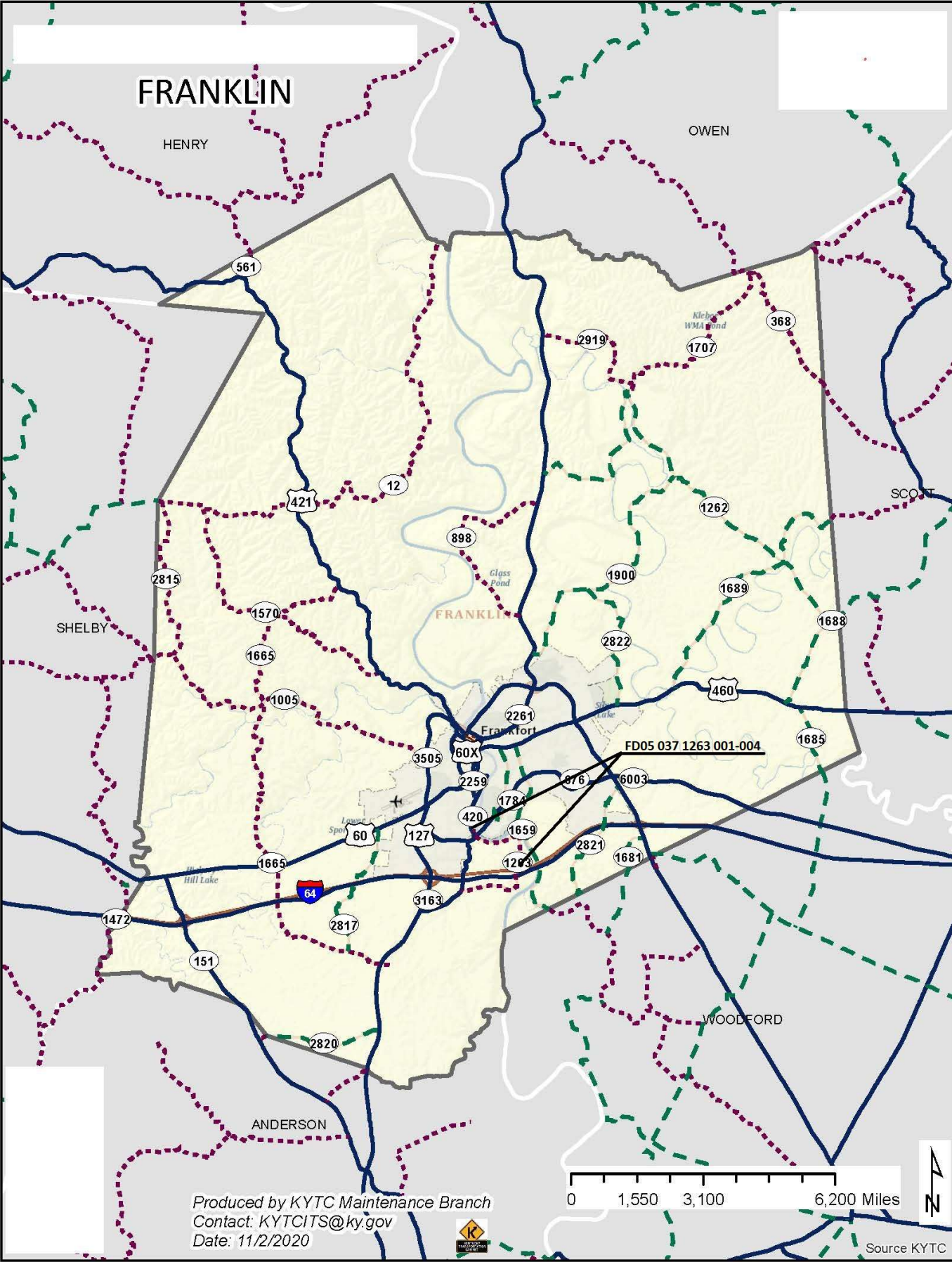
The following is a list of typical messages used on CMS. The list consists of the reason or problem that you want the driver to be aware of and the action that you want the driver to take.

<u>Reason/Problem</u>	Action
ACCIDENT	ALL TRAFFIC EXIT RT
ACCIDENT/XX MILES	AVOID DELAY USE XX
XX ROAD CLOSED	CONSIDER ALT ROUTE
XX EXIT CLOSED	DETOUR
BRIDGE CLOSED	DETOUR XX MILES
BRIDGE/(SLIPPERY, ICE, ETC.)	DO NOT PASS
CENTER/LANE/CLOSED	EXPECT DELAYS
DELAY(S), MAJOR/DELAYS	FOLLOW ALT ROUTE
DEBRIS AHEAD	KEEP LEFT
DENSE FOG	KEEP RIGHT
DISABLED/VEHICLE	MERGE XX MILES
EMER/VEHICLES/ONLY	MERGE LEFT
EVENT PARKING	MERGE RIGHT
EXIT XX CLOSED	ONE-WAY TRAFFIC
FLAGGER XX MILES	PASS TO LEFT
FOG XX MILES	PASS TO RIGHT
FREEWAY CLOSED	PREPARE TO STOP
FRESH OIL	REDUCE SPEED
HAZMAT SPILL	SLOW
ICE	SLOW DOWN
INCIDENT AHEAD	STAY IN LANE
LANES (NARROW, SHIFT, MERGE, ETC.)	STOP AHEAD
LEFT LANE CLOSED	STOP XX MILES
LEFT LANE NARROWS	TUNE RADIO 1610 AM
LEFT 2 LANES CLOSED	USE NN ROAD
LEFT SHOULDER CLOSED	USE CENTER LANE
LOOSE GRAVEL	USE DETOUR ROUTE
MEDIAN WORK XX MILES	USE LEFT TURN LANE
MOVING WORK ZONE, WORKERS IN ROADWAY	USE NEXT EXIT
NEXT EXIT CLOSED	USE RIGHT LANE
NO OVERSIZED LOADS	WATCH FOR FLAGGER
NO PASSING	
NO SHOULDER	
ONE LANE BRIDGE	

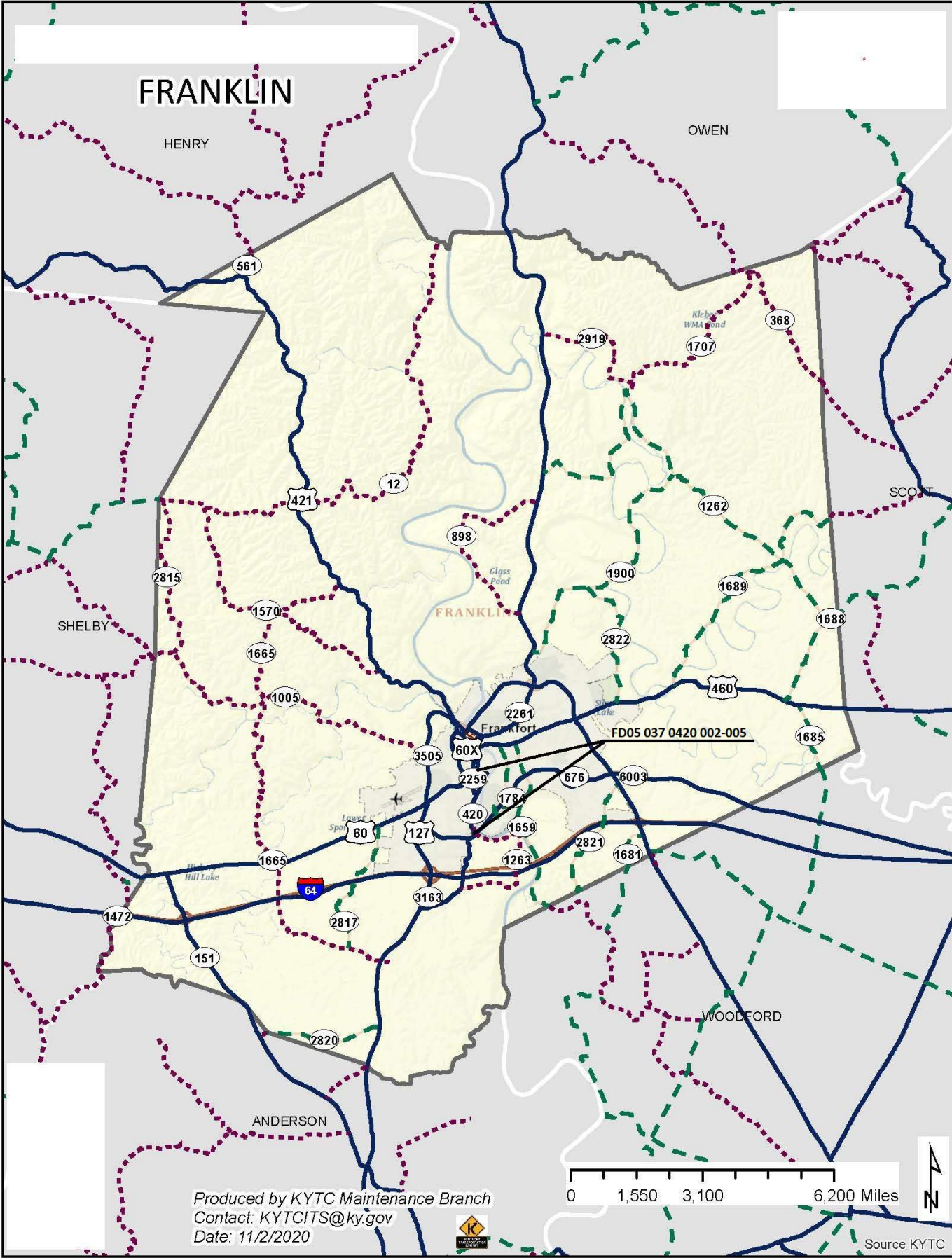
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PEOPLE CROSSING  
RAMP CLOSED  
RAMP (SLIPPERY, ICE, ETC.)  
RIGHT LANE CLOSED  
RIGHT LANE NARROWS  
RIGHT SHOULDER CLOSED  
ROAD CLOSED  
ROAD CLOSED XX MILES  
ROAD (SLIPPERY, ICE, ETC.)  
ROAD WORK  
ROAD WORK (OR CONSTRUCTION) (TONIGHT, TODAY, TOMORROW, DATE)  
ROAD WORK XX MILES  
SHOULDER (SLIPPERY, ICE, SOFT, BLOCKED, ETC.)  
NEW SIGNAL XX MILES  
SLOW 1 (OR 2) - WAY TRAFFIC  
SOFT SHOULDER  
STALLED VEHICLES AHEAD  
TRAFFIC BACKUP  
TRAFFIC SLOWS  
TRUCK CROSSING  
TRUCKS ENTERING  
TOW TRUCK AHEAD  
UNEVEN LANES  
WATER ON ROAD  
WET PAINT  
WORK ZONE XX MILES  
WORKERS AHEAD











MATERIAL SUMMARY

CONTRACT ID: 242191

037GR24P036 - FD05

MP03704202401

OLD LAWRENCEBURG ROAD (KY 420) BEGIN AT KY 676 EXTENDING NORTH TO EAST SECOND STREET  
ASPHALT RESURFACING, A DISTANCE OF 1.97 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0065	00190	LEVELING & WEDGING PG64-22	241.00	TON
0070	00339	CL3 ASPH SURF 0.38D PG64-22	2,650.00	TON
0075	01876	STANDARD HEADER CURB MOD	45.00	LF
0080	01876	STANDARD HEADER CURB MOD - (HISTORICAL MIX)	102.00	LF
0085	02562	TEMPORARY SIGNS	650.00	SQFT
0090	02650	MAINTAIN & CONTROL TRAFFIC - (KY 420)	1.00	LS
0095	02671	PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH
0100	02676	MOBILIZATION FOR MILL & TEXT - (NEW)	1.00	LS
0105	02677	ASPHALT PAVE MILLING & TEXTURING	2,650.00	TON
0110	02697	EDGE LINE RUMBLE STRIPS	10,815.00	LF
0115	02720	SIDEWALK-4 IN CONCRETE	20.00	SQYD
0120	02720	SIDEWALK-4 IN CONCRETE - (HISTORICAL MIX)	60.00	SQYD
0125	06510	PAVE STRIPING-TEMP PAINT-4 IN	14,200.00	LF
0130	06515	PAVE STRIPING-PERM PAINT-6 IN	34,000.00	LF
0135	06542	PAVE STRIPING-THERMO-6 IN W	9,850.00	LF
0140	06542	PAVE STRIPING-THERMO-6 IN W - (WITH TAPERS)	580.00	LF
0145	06543	PAVE STRIPING-THERMO-6 IN Y	3,300.00	LF
0150	06546	PAVE STRIPING-THERMO-12 IN W	170.00	LF
0155	06547	PAVE STRIPING-THERMO-12 IN Y	245.00	LF
0160	06565	PAVE MARKING-THERMO X-WALK-6 IN	1,180.00	LF
0165	06568	PAVE MARKING-THERMO STOP BAR-24IN	304.00	LF
0170	06569	PAVE MARKING-THERMO CROSS-HATCH	1,365.00	SQFT
0175	06574	PAVE MARKING-THERMO CURV ARROW	17.00	EACH
0180	06575	PAVE MARKING-THERMO COMB ARROW	10.00	EACH
0185	10020NS	FUEL ADJUSTMENT	5,839.00	DOLL
0190	10030NS	ASPHALT ADJUSTMENT	14,665.00	DOLL
0195	20458ES403	CENTERLINE RUMBLE STRIPS	7,420.00	LF
0200	20782NS714	PAVE MARKING THERMO-BIKE	16.00	EACH
0205	22520EN	PAVE MARKING-THERMO YIELD BAR-36 IN	18.00	LF
0210	23158ES505	DETECTABLE WARNINGS - (NEW)	122.00	SQFT
0215	23261EC	PAVE MARK-THERMO-X-WALK-24 IN	1,400.00	LF
0220	24386EC	PAVE MARKING THERMO-BIKE LANE ARROW	16.00	EACH
0225	24683ED	PAVE MARKING-THERMO DOTTED LANE EXTEN	240.00	LF
0230	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING	19.00	TON
0235	26119EC	INSTALL RADAR PRESENCE DETECTOR TYPE A	3.00	EACH
0240	26228EC	ELECTRONIC DELIVERY MGMT SYSTEM - (NEW)	1.00	LS
0245	02569	DEMOBILIZATION	1.00	LS

MATERIAL SUMMARY

CONTRACT ID: 242191

037GR24P036 - FD05

MP03712632401

BIG EDDY ROAD (KY 1263) BEGIN 0.192 MILES SOUTH OF TRAVIS CIRCLE EXTENDING NORTH TO KY 420 ASPHALT RESURFACING, A DISTANCE OF 1.84 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0005	00190	LEVELING & WEDGING PG64-22	143.00	TON
0010	00301	CL2 ASPH SURF 0.38D PG64-22	1,460.00	TON
0015	02562	TEMPORARY SIGNS	270.00	SQFT
0020	02650	MAINTAIN & CONTROL TRAFFIC - (KY 1263)	1.00	LS
0025	02676	MOBILIZATION FOR MILL & TEXT - (KY 1263)	1.00	LS
0030	02677	ASPHALT PAVE MILLING & TEXTURING	40.00	TON
0035	06510	PAVE STRIPING-TEMP PAINT-4 IN	10,000.00	LF
0040	06514	PAVE STRIPING-PERM PAINT-4 IN	19,463.00	LF
0045	06568	PAVE MARKING-THERMO STOP BAR-24IN	23.00	LF
0050	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING	10.00	TON
0055	26228EC	ELECTRONIC DELIVERY MGMT SYSTEM - (KY 1263)	1.00	LS
0060	02569	DEMOBILIZATION	1.00	LS

**FD05 037 1263 001-004**

MPT.	INTERSECTION	X-WALKS 6 INCH LF	STP BARS 24 INCH LF	CURVE EA	ARROWS STR EA	COMB EA	"ONLY" EA	"STOP" EA	CATRAXX 6 INCH LF	NOTES
3.567	KV420		23							
TOTAL			23							

[illegible]

Franklin County  
THERMOPLASTIC INTERSECTION PAVEMENT MARKINGS SUMMARY  
FDD05 037 0420 002-005

MILE POINT	INTERSECTION	WHITE	STOP BARS	CROSSWALKS	CROSSWALKS	ARROWS		YIELD BAR	DOTTED LN EXT	YELLOW	CROSS	BIKE LANE		PARKING & EDGE LINE TAPERS
		12 INCH LF	24 INCH LF	6 INCH LF	24 INCH LF	CURVE EACH	COMB EACH	36 INCH LF	6 INCH LF	12 INCH LF	HATCH SQFT	ARROW EACH	SYMBOL EACH	
2.195	KY 676	170	44			11	8	18	20	15				
2.294	KY 1263		22			2				25				
3.235	PARKING GARAGE					2			30		325			
3.521	STANLEY ST													80
3.566	LOGAN ST													80
3.702	TANNER CT													60
3.753	CAPITAL AVE/TODD ST		70	560	620				50	25	120	1	1	60
3.842	CAMPBELL ST		38	160	180				30	40	240	4	4	80
3.889	MINKS WAY								30	40	80	2	2	40
3.938	4TH STREET		60	260	280				40	40	240	4	4	80
4.032	3RD STREET		42	200	200				40	40	240	4	4	80
4.12	US 60		28		120	2	2			20	120	1	1	20
TOTAL		170	304	1180	1400	17	10	18	240	245	1365	16	16	580

**Sidewalks & Detectable Warnings Summary**  
**Franklin County**  
**FD05 037 0420 002-005**

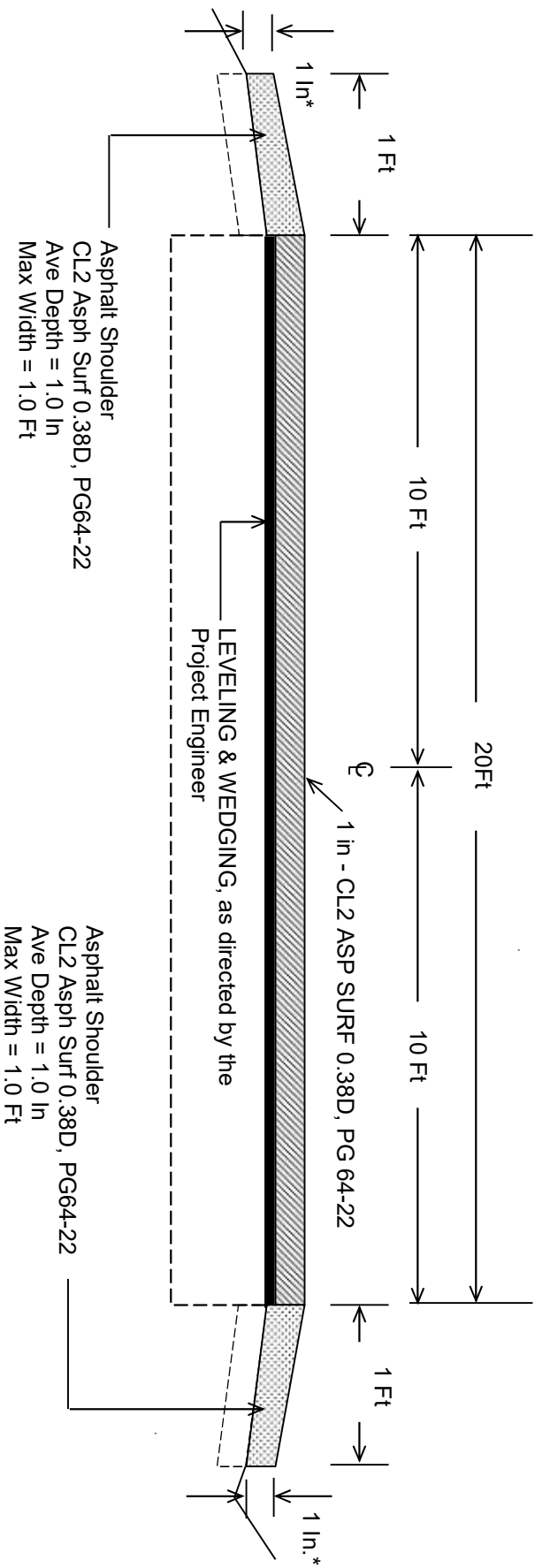
Intersection	Mile Point	Ramp Location	Ramp Type	4" Sidewalk SQYD	4" Sidewalk HISTORICAL SQYD	Header Curb Mod LF	Header Curb Mod HISTORICAL LF	Detectable Warning SQFT
Logan Street	3.666	SE	1		8		20	20
		SW	3		12		22	18
Capital Ave/Todd St	3.753	SE <sup>1</sup>	3		20		30	20
		SW <sup>1</sup>	3		20.00		30.00	20
3rd Street	4.032	SE <sup>2</sup>	3	12		25.00		24
		NE <sup>2</sup>	3	8		20.00		20.00
PROJECT TOTALS				20	60	45	102	122

1 - Construct Type 3 sidewalk ramp adjacent to the curb box inlet and light pole, reducing the crosswalk skew to the northern corner as much as possible.

2 - Construct Type 3 sidewalk ramp using red concrete detectable warnings to match the rest of the corridor.

**NOTES:**

Franklin County  
FD05 037 1263 001-004  
TYPICAL SECTION  
1.724MP - 3.567MP

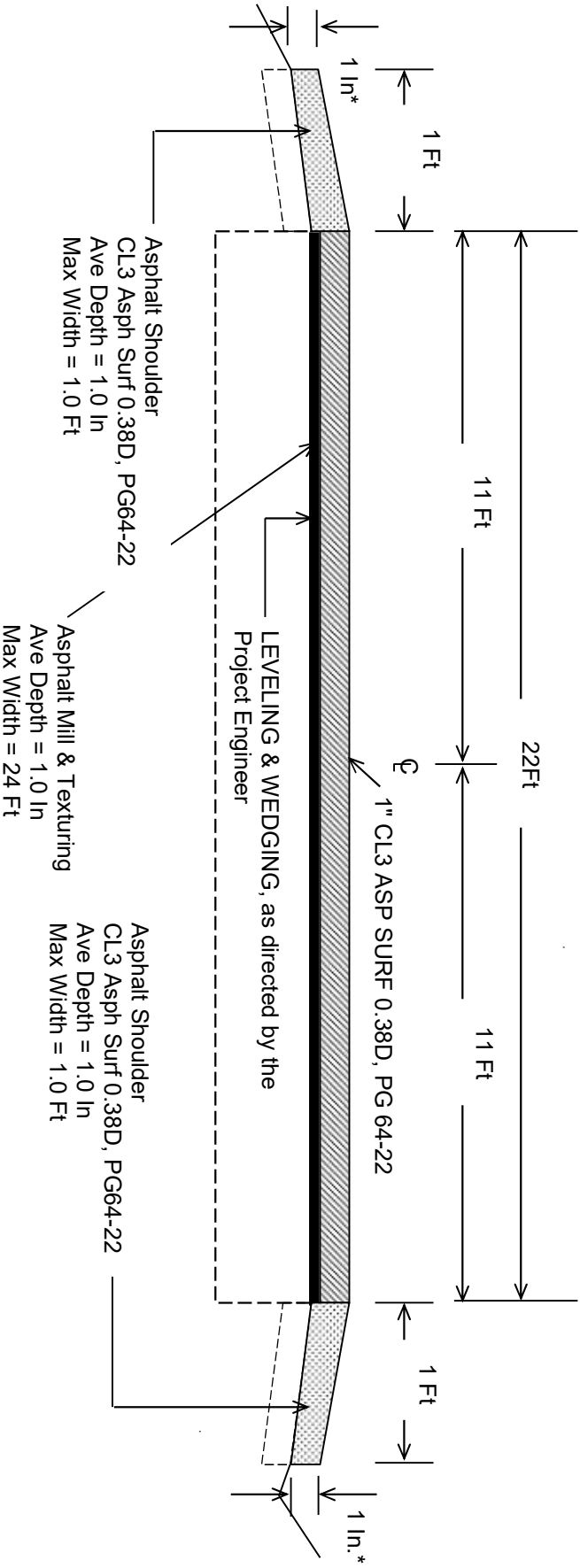


ALL MEASUREMENTS ARE AN AVERAGE

\*Where Existing Site Conditions Permit



Franklin County  
TYPICAL SECTION  
FD05 037 0420 002-005  
MP's 2.145 - 3.599



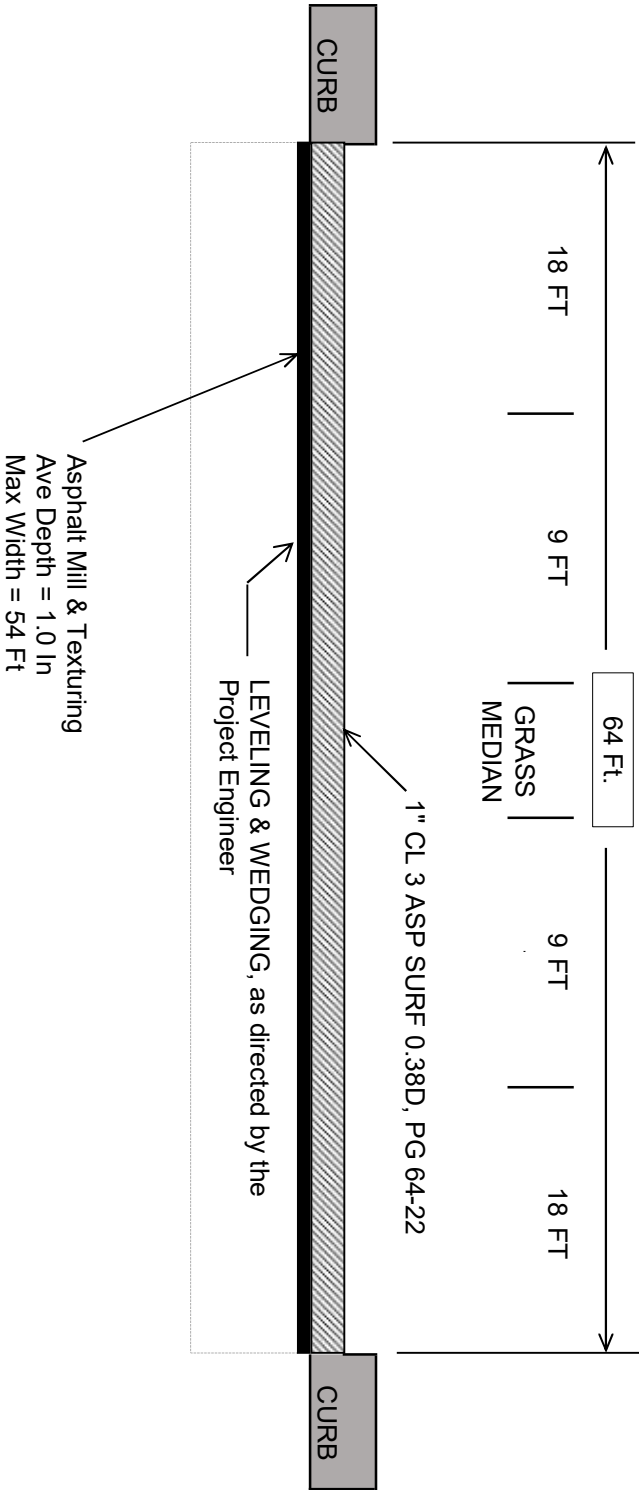
**THE ENTIRE JOB IS A MILL AND FILL**

**\*Where Existing Site Conditions Permit**

9' PARKING  
LANE

9' PARKING  
LANE

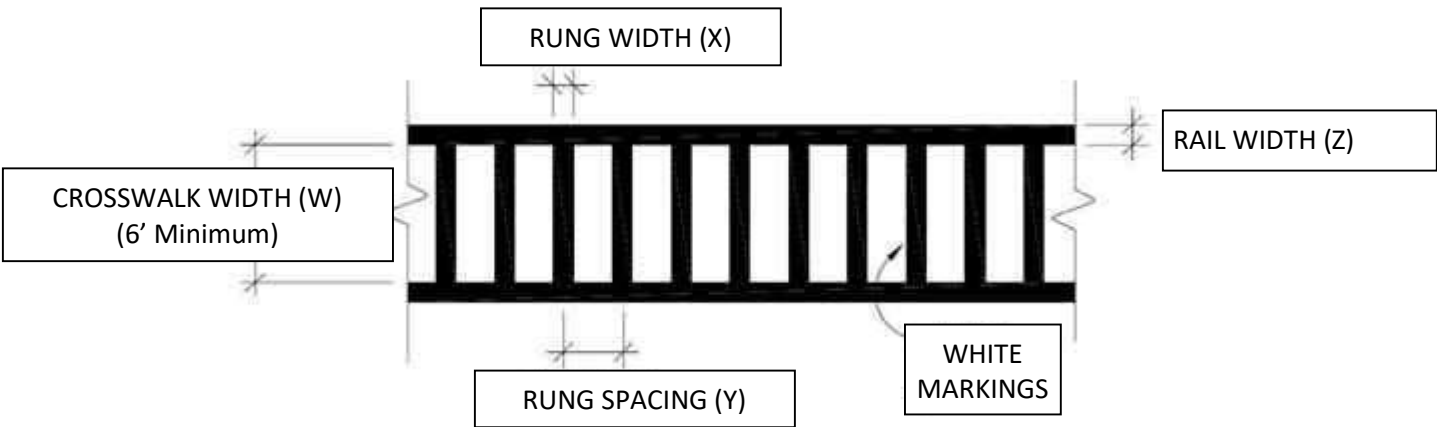
**Franklin County  
TYPICAL SECTION  
FD05 037 0420 002-004  
MP's 3.599 - 4.120**



MILL AND RESURFACE MAINLINE ONLY AT 1.0 INCH DEPTH. ALL MEASUREMENTS IN THIS TYPICAL ARE AN AVERAGE. ACTUAL MILL MEASUREMENTS MAY VARY

**THE ENTIRE JOB IS A MILL AND FILL**

LADDER STYLE CROSSWALK DETAIL



Ladder Style Crosswalks consist of white markings that produce rails and rungs. The overall crosswalk width (W), rung width (X), rung spacing (Y), and rail width (Z) are to be installed as specified above or as specified on the plans and/or summary sheets (the latter case is typically because there are multiple crosswalks with different dimensions). If this detail, the plans, and/or summary sheets do not specify the dimensions, then construct the Ladder Style Crosswalks as directed by the District Traffic Engineer and/or the Engineer.

Refer to Section 717 of the Standard Specifications for Road and Bridge Construction, current edition, for more information concerning Material and Construction specifications.

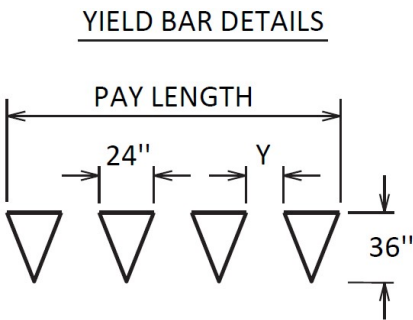
The Department will measure the sum of the lengths of the rails in linear feet and make payment under the X-Walk bid item with a description containing the applicable rail width and material type.

The Department will measure the sum of the lengths of the rungs in linear feet and make payment under the X-Walk bid item with a description containing the applicable rung width and material type.

When listed in the bid items, the Department will make payment for the completed and accepted quantities of Ladder Style Crosswalks under the following:

<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>
06565	Pave Marking-Thermo X-Walk-6 Inch	Linear Foot
06566	Pave Marking-Thermo X-Walk-12 Inch	Linear Foot
23261EC	Pave Mark-Thermo-X-Walk-24 Inch	Linear Foot
23251ES717	Pave Mark TY 1 Tape X-Walk-6 Inch	Linear Foot
23264ES717	Pave Mark TY 1 Tape X-Walk-12 Inch	Linear Foot
26164ES717	Pave Mark TY 1 Tape X-Walk-24 Inch	Linear Foot

YIELD BAR PAVEMENT MARKING DETAIL



NOTE: SPACING (Y) BETWEEN  
TRIANGLES SHOULD BE 3" - 12"

Triangles should be evenly spaced. The spacing (Y) between triangles will depend on the width of the lane the yield bar is for. Unless otherwise directed by the Engineer, space the triangles according to the lane width as follows:

<u>Lane Width</u>	<u># of Triangles</u>	<u>Spacing (Y)</u>
9'	4	4"
10'	4	8"
11'	5	3"
12'	5	6"

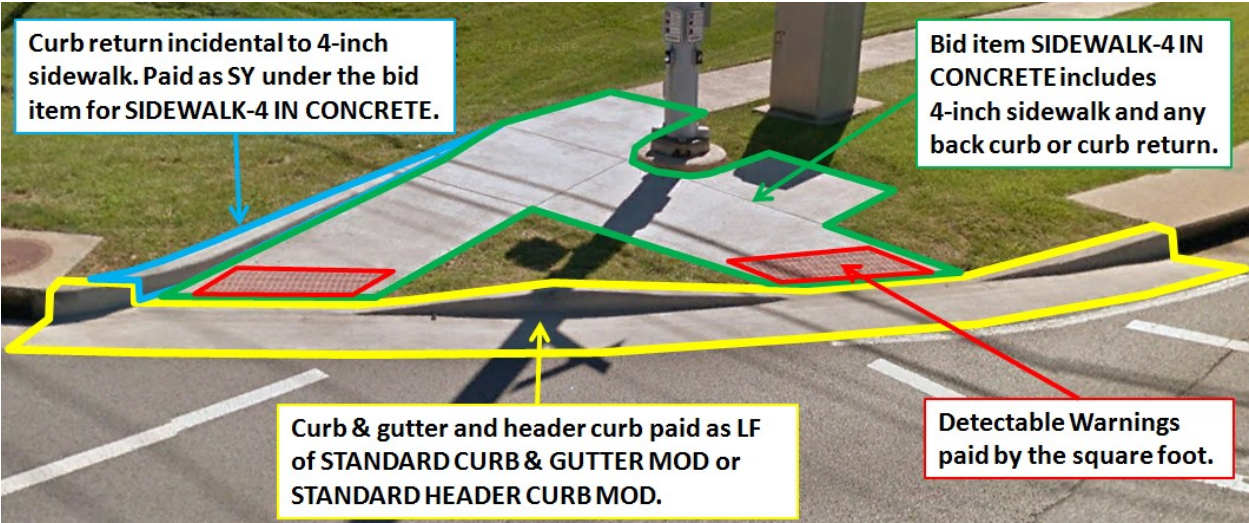
In the event of larger lane widths, install triangles on equal spacing, as close to the 3" minimum as possible.

Refer to Section 717 of the Standard Specifications for Road and Bridge Construction, current edition, for more information concerning Material and Construction specifications.

The Department will measure Yield Bars in Linear Feet. The measurement will include the void space between triangles. See Section 717.04 for additional measurement information.

The Department will make payment for the completed and accepted quantities under the following:

<u>Code</u>	<u>Pay Item</u>	<u>Pay Unit</u>
22520EN	Pave Marking-Thermo Yield Bar-36 Inch	Linear Foot
26165ES717	Pave Mark TY 1 Tape Yield Bar-36 IN	Linear Foot



**PART II**

**SPECIFICATIONS AND STANDARD DRAWINGS**

### **STANDARD SPECIFICATIONS**

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 2019* and *Standard Drawings, Edition of 2020*.

### **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>

2020 KENTUCKY STANDARD DRAWINGS

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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
LANE CLOSURE TWO-LANE HIGHWAY .....	TTC-100-05
LANE CLOSURE MULTI-LANE HIGHWAY CASE I.....	TTC-115-04
LANE CLOSURE MULTI-LANE HIGHWAY CASE II .....	TTC-120-04
SHOULDER CLOSURE .....	TTC-135-03
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
MOBILE OPERATION FOR PAINT STRIPING CASE III.....	TTS-110-02
MOBILE OPERATION FOR PAINT STRIPING CASE IV .....	TTS-115-02
CENTERLINE RUMBLE STRIPS PLACEMENT DETAILS .....	TPR-100
CENTERLINE RUMBLE STRIPS 6 INCH STRIPING .....	TPR-110
SHOULDER & EDGELINE RUMBLE STRIPS PLACEMENT DETAILS .....	TPR-115
EDGELINE RUMBLE STRIP DETAILS TWO LANE ROADWAYS .....	TPR-120
DETECTABLE WARNINGS .....	RGX-040-03
SIDEWALK RAMPS .....	RPM-170-09
CURB AND GUTTER, CURBS AND VALLEY GUTTER .....	RPM-100-11



## **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, 1025 Capital Center Drive, Suite 104, Frankfort, Kentucky 40601; telephone (502) 564-7954.

Revised: May 23, 2022

### **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**

Refer to  
*Kentucky Standard Specifications for Road and Bridge Construction,*  
current edition

**PART V**

**BID ITEMS**

Report Date 5/17/24

Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00190		LEVELING & WEDGING PG64-22	384.00	TON		\$	
0020	00301		CL2 ASPH SURF 0.38D PG64-22	1,460.00	TON		\$	
0030	00339		CL3 ASPH SURF 0.38D PG64-22	2,650.00	TON		\$	
0040	01876		STANDARD HEADER CURB MOD	45.00	LF		\$	
0050	01876		STANDARD HEADER CURB MOD (HISTORICAL MIX)	102.00	LF		\$	
0060	02562		TEMPORARY SIGNS	920.00	SQFT		\$	
0070	02650		MAINTAIN & CONTROL TRAFFIC (KY 1263)	1.00	LS		\$	
0080	02650		MAINTAIN & CONTROL TRAFFIC (KY 420)	1.00	LS		\$	
0090	02671		PORTABLE CHANGEABLE MESSAGE SIGN	2.00	EACH		\$	
0100	02676		MOBILIZATION FOR MILL & TEXT (KY 1263)	1.00	LS		\$	
0110	02676		MOBILIZATION FOR MILL & TEXT (NEW)	1.00	LS		\$	
0120	02677		ASPHALT PAVE MILLING & TEXTURING	2,690.00	TON		\$	
0130	02697		EDGE LINE RUMBLE STRIPS	10,815.00	LF		\$	
0140	02720		SIDEWALK-4 IN CONCRETE	20.00	SQYD		\$	
0150	02720		SIDEWALK-4 IN CONCRETE (HISTORICAL MIX)	60.00	SQYD		\$	
0160	06510		PAVE STRIPING-TEMP PAINT-4 IN	24,200.00	LF		\$	
0170	06514		PAVE STRIPING-PERM PAINT-4 IN	19,463.00	LF		\$	
0180	06515		PAVE STRIPING-PERM PAINT-6 IN	34,000.00	LF		\$	
0190	06542		PAVE STRIPING-THERMO-6 IN W	9,850.00	LF		\$	
0200	06542		PAVE STRIPING-THERMO-6 IN W (WITH TAPERS)	580.00	LF		\$	
0210	06543		PAVE STRIPING-THERMO-6 IN Y	3,300.00	LF		\$	
0220	06546		PAVE STRIPING-THERMO-12 IN W	170.00	LF		\$	
0230	06547		PAVE STRIPING-THERMO-12 IN Y	245.00	LF		\$	
0240	06565		PAVE MARKING-THERMO X-WALK-6 IN	1,180.00	LF		\$	
0250	06568		PAVE MARKING-THERMO STOP BAR-24IN	327.00	LF		\$	
0260	06569		PAVE MARKING-THERMO CROSS-HATCH	1,365.00	SQFT		\$	
0270	06574		PAVE MARKING-THERMO CURV ARROW	17.00	EACH		\$	
0280	06575		PAVE MARKING-THERMO COMB ARROW	10.00	EACH		\$	
0290	10020NS		FUEL ADJUSTMENT	5,839.00	DOLL	\$1.00	\$	\$5,839.00
0300	10030NS		ASPHALT ADJUSTMENT	14,665.00	DOLL	\$1.00	\$	\$14,665.00
0310	20458ES403		CENTERLINE RUMBLE STRIPS	7,420.00	LF		\$	
0320	20782NS714		PAVE MARKING THERMO-BIKE	16.00	EACH		\$	
0330	22520EN		PAVE MARKING-THERMO YIELD BAR-36 IN	18.00	LF		\$	
0340	23158ES505		DETECTABLE WARNINGS (NEW)	122.00	SQFT		\$	
0350	23261EC		PAVE MARK-THERMO-X-WALK-24 IN	1,400.00	LF		\$	
0360	24386EC		PAVE MARKING THERMO-BIKE LANE ARROW	16.00	EACH		\$	
0370	24683ED		PAVE MARKING-THERMO DOTTED LANE EXTEN	240.00	LF		\$	
0380	24970EC		ASPHALT MATERIAL FOR TACK NON- TRACKING	29.00	TON		\$	



Report Date 5/17/24

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0390	26119EC		INSTALL RADAR PRESENCE DETECTOR TYPE A	3.00	EACH		\$	
0400	26228EC		ELECTRONIC DELIVERY MGMT SYSTEM (KY 1263)	1.00	LS		\$	
0410	26228EC		ELECTRONIC DELIVERY MGMT SYSTEM (NEW)	1.00	LS		\$	

Section: 0002 - DEMOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0420	02569		DEMOBILIZATION	1.00	LS		\$	