

CALL NO. 374

CONTRACT ID. 232291

SPENCER COUNTY

FED/STATE PROJECT NUMBER CPTL 108 8045 000-002

DESCRIPTION TAYLORSVILLE LAKE STATE PARK - SETTLER'S TRACE

WORK TYPE ASPHALT RESURFACING

PRIMARY COMPLETION DATE 11/15/2023

LETTING DATE: May 25,2023

Sealed Bids will be received electronically through the Bid Express bidding service until 10:00 AM EASTERN DAYLIGHT TIME May 25,2023. Bids will be publicly announced at 10:00 AM EASTERN DAYLIGHT TIME.

NO PLANS ASSOCIATED WITH THIS PROJECT.

DEFERRED PAYMENT

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

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ADMINISTRATIVE DISTRICT - 05

CONTRACT ID - 232291

CPTL 108 8045 000-002

COUNTY - SPENCER

PCN - MP10880452301 CPTL 108 8045 000-002

TAYLORSVILLE LAKE STATE PARK - SETTLER'S TRACE ROAD AND PARKING LOTS SETTLER'S TRACE ROAD, PARKING LOT #1, & PARKING LOT #2, A DISTANCE OF 01.24 MILES.ASPHALT PAVEMENT & ROADWAY REHAB GEOGRAPHIC COORDINATES LATITUDE 38:01:22.00 LONGITUDE 85:17:41.00 ADT

COMPLETION DATE(S):

COMPLETED BY 11/15/2023

SPECIFIED COMPLETION DATE - ALL ITEMS IN 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) 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 fax (502) 564-7299 or email to 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). 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.

BUILD AMERICA, BUY AMERICA ACT (BABA)

On November 15, 2021, President Biden signed into law the Infrastructure Investment and Jobs Act (IIJA), Pub. L. No. 117-58, includes the Build America, Buy America Act ("the Act"). Pub. L. No. 117-58, §§70901-52. The Act strengthens the Buy America preference to include "construction materials." The current temporary waiver for "construction materials" will expire on November 10, 2022.

The Act will apply to construction materials as outlined in the guidance issued in OMB M-22-11.

Construction Materials – Includes an article, material, or supply – other than an item of primarily iron or steel; a manufactured product; cement and cementitious materials; aggregates such as stone, sand, or gravel; or aggregate binding agents or additives – that is or consists primarily of:

- Non-ferrous metals
- Plastic/polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables);
- Glass (including optic glass);
- Lumber; or
- Drywall.

Construction Materials only applies to items, materials, and supplies that are consumed in, incorporated into, or affixed to an infrastructure project.

Construction Materials does not apply to tools, equipment or supplies brought to the jobsite and removed before completion.

BOYCOTT PROVISIONS

If applicable, the contractor represents that, pursuant to <u>KRS 45A.607</u>, 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 <u>KRS 11A.236</u> 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 <u>KRS 45A.328</u>, 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.

February 1, 2023

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

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DEFERRED PAYMENT

The successful bidder on this project has the distinct understanding that payment for any work may be delayed until July 15, 2023. Work Order/Notice to Proceed will be issued in accordance the Standard Specifications for Road and Bridge Construction, current edition.

SURFACING AREAS – SETTLER'S TRACE ROAD

The Department estimates the mainline surfacing width to vary 21-100 feet.

The Department estimates the total mainline area to be surfaced to be 14,200 square yards.

The shoulders are included in the mainline surfacing.

SURFACING AREAS - SETTLER'S TRACE RAMP PARKING LOT #1

The Department estimates the mainline surfacing width to be 130 feet.

The Department estimates the total mainline area to be surfaced to be 11,645 square yards.

There are no shoulders.

SURFACING AREAS - SETTLER'S TRACE PARKING LOT #2

The Department estimates the mainline width to be fog sealed to be 130 feet.

The Department estimates the total mainline area to be fog sealed to be 5,385 square yards.

There are no shoulders.

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-110-07 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.

SCOPE OF WORK

Consider the following descriptions to be approximate only. The Engineer will determine the exact termini at the time of construction.

SETTLER'S TRACE ROAD

Resurface from KY 2239 extending southeast to the boat ramp, a distance of 1.02 miles.

SETTLER'S TRACE RAMP PARKING LOT #1

Resurface from Settler's Trace Road extending east to Lower Parking Lot #2, a distance of 0.152 miles.

SETTLER'S TRACE LOWER PARKING LOT #2

Fog Seal from Settler's Trace Parking Lot #1 extending east to the end, a distance of 0.070 miles.

SPECIAL NOTE FOR CRACK SEALING

Furnish Crafco Polyfiber Type IV Crack Sealant or approved equal. Perform crack sealing a minimum of 30 days prior to the overlay treatment. Prior to sealing clean joints and cracks of all loose dirt and material using an air compressor rated at a minimum of 125 psi/100 cfm. After routing and cleaning, heat lance all joints and cracks to clean and remove moisture using a LAB Model B Heat Lance or approved equal capable of producing air temperatures up to 2,500° F. Prior to placing the sealant material, obtain the Engineer's approval of the cleanliness of joints and cracks. Do not advance joint and crack cleaning and heat lancing more than 1/8 mile ahead of the sealing operations. Provide a thermostatically controlled sealant container with a heated oil jacketed tank with the ability to agitate the sealant. Level and strike down the sealant with a 3 inch disk attachment at the end of the wand applicator. Do not allow the overband width of the hot applied modified crack sealant to exceed 3 inches in width or 1/8 inch in height above the surrounding pavement unless directed by the Engineer. Spray Glenzoil 20 Plus/Crafco Detack or approved equal on the placed sealant prior to opening to traffic at an application rate of approximately 1 gallon of Glenzoil 20 Plus/Crafco Detack per 50 gallons of sealant. Remove all waste, excess, and debris from the work prior to opening to traffic.

The Department will measure "OVERBAND CRACK SEALING" for payment based on the accepted pounds of sealant as specified. Accept payment at the Contract price per pound of sealant as full compensation for all labor, materials, equipment, and incidentals necessary to prepare the joints and cracks for treatment, application of the sealant, corrective work, and protection of the sealant. The Department will not measure excess or waste for payment. The Department will not measure Glenzoil 20 Plus/Crafco Detack for separate payment but shall be incidental to Overband crack Sealing.

March 30, 2023

SPECIAL NOTE FOR FOG SEAL

Except as provided herein, conform to all requirements of the Standard Specifications for Road and Bridge Construction, current edition. Section references are to the Standard Specifications. For chip seal applications, use an approved fog seal material applied in two passes in opposite directions at a rate of 0.05 - 0.08 gallons per square yard with a total rate of 0.10-0.16 gallons per square yard. Dilute the emulsion used for fog sealing chip application between 28-32%.

For all other applications, use undiluted approved fog seal material at a rate of 0.12-0.16 gallons per square yard. Use recommended emulsions in accordance with AASHTO M208 or M140.

Before applying the fog seal, sweep the chip seal or roadway to remove any loose aggregate, mud, dirt, dust, and other caked material or loose foreign material that may have accumulate on the roadway. Uniformly apply the asphalt emulsion with an asphalt distributor or approved equipment in accordance with Section 406.03.03b, except apply at the rates specified herein. Contrary to section 406, maintain material at a temperature range of 120° to 180° F during application. Apply fog seal when air temperature is at least 50° F and rising and a minimum pavement surface temperature of 70° F.

Use water added to the emulsion meeting the requirements of Section 803. If placed over a chip/scrub seal treatment, apply a minimum of 5 to a maximum of 10 calendar days after the treatment application.

Adjust operations as necessary and as directed by the Engineer to achieve complete, uniform coverage of the application. Correct areas of incomplete coverage by hand spraying or by a second application of material as approved by the Engineer. Remove or cover any fog seal material applied in excess of the requirements with a blotter course of dry sand as directed by the Engineer.

The Department will measure "ASPHALT EMULSION FOR FOG SEAL" for payment based on the accepted, weighed tons of diluted emulsion applied as specified. Accept payment at the Contract price per ton of "Asphalt Emulsion for Fog Seal" as full compensation for all labor, materials, equipment, and incidentals necessary to prepare the surface for treatment, application of the emulsion, corrective work, and protection of the emulsion until cured. The Department will not measure dry sand used as a blotter course due to excessive use of fog seal for separate payment. The department will not apply liquid asphalt and fuel adjustments for payment for all fog seal applications.

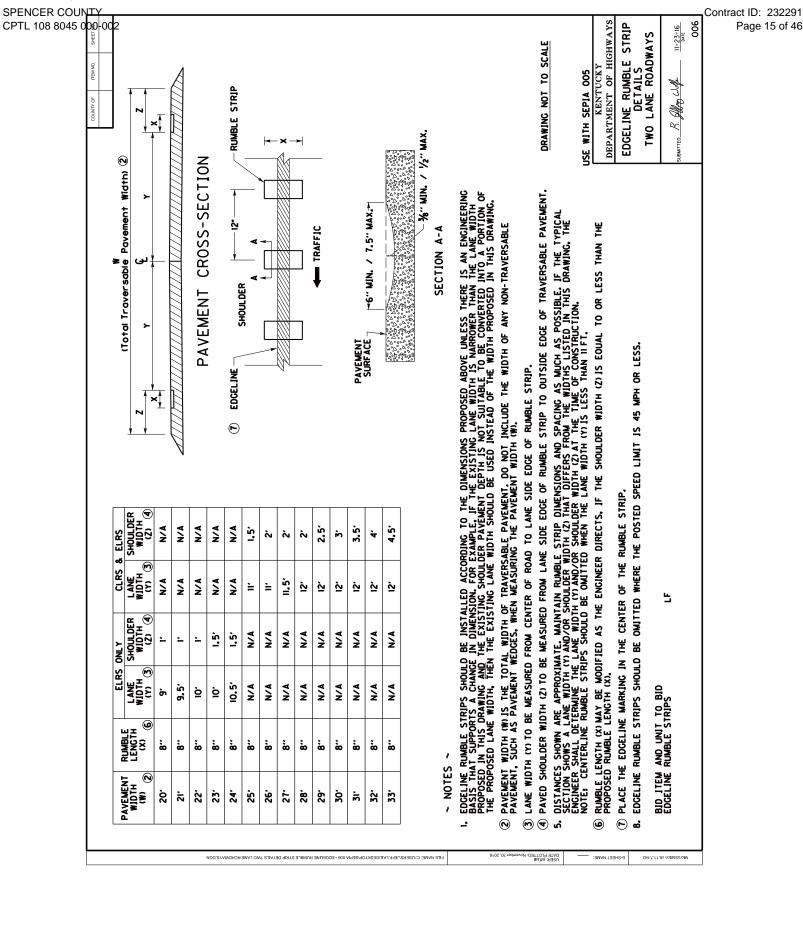
Application Rates of Material.

Properties	Minimum	Maximum
Application rate of emulsion for chip seal Fog seal application required in both directions	0.05	0.08
Application rate of emulsion for non-chip seal	0.12	0.16
Emulsion temperature, F	120°	180°

SPECIAL NOTE FOR EDGELINE RUMBLE STRIPES

Construct edgeline rumble stripes on Settler's Trace Road milepoint 0.000-1.000 only, according to the drawings for Shoulder Rumble Strip, Shoulder Rumble Stripe Details, and Shoulder Rumble Stripe Installation. The locations listed and dimensions on the drawings are approximate only and may vary from existing marking's locations; the Engineer will determine the exact locations and dimensions at the time of construction. Before sawing the rumble strips, pre-mark the pavement surface and obtain the Engineer's approval of the proposed location, alignment, and control guides. Notify the Engineer if questions arise regarding changes in striping patterns. If necessary, the Engineer will obtain guidance from the District Traffic Engineer and/or the Division of Traffic. After sawing rumble strips, construct a rumble stripe by applying permanent edgeline striping according to Section 713 on the sawed rumble strips at the locations approved by the Engineer.

The Department will measure sawed rumble strips according to Section 403.04.07. Unless required by the Traffic Control Plan or directed by the Engineer, the Department will not measure temporary edgeline striping for payment. The Department will measure permanent edgeline striping according to Section 713.04. The Department will not measure the removal of existing markings, pre-marking and layout, surface preparation, or corrective work and will consider them incidental to installation of the sawed rumble strips and permanent edge line striping.



SPECIAL PROVISION FOR WASTE AND BORROW SITES

Obtain U.S. Army Corps of Engineer's approval before utilizing a waste or borrow site that involves "Waters of the United States". The Corps of Engineers defines "Waters of the United States" as perennial or intermittent streams, ponds or wetlands. The Corps of Engineers also considers ephemeral streams, typically dry except during rainfall but having a defined drainage channel, to be jurisdictional waters. Direct questions concerning any potential impacts to "Waters of the United States" to the attention of the appropriate District Office for the Corps of Engineers for a determination prior to disturbance. Be responsible for any fees associated with obtaining approval for waste and borrow sites from the U.S. Army Corps of Engineer or other appropriate regulatory agencies.

1-296 Waste & Borrow Sites 01/02/2012

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 ¹ , %	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

¹ 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 1st to May 15th. 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 1st to May 15th. 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
24970ECPay Item
Asphalt Material for Tack Non-TrackingPay Unit
Ton

Revised: May 23, 2022

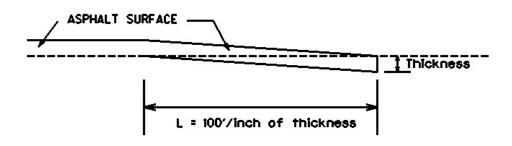
COORDINATION OF WORK WITH OTHERS

Be advised, there may be active project(s) adjacent to or within this project. These may be KYTC or Department of Parks administered contracts or work being performed by KYTC or Department of Parks Forces. The Engineer will coordinate the work of any other Contractors and KYTC and Department of Parks forces. See Sections 105.06, 107.06 and 107.14 of the 2019 Standard Specifications.

SPECIAL NOTE FOR EDGE KEY

Construct Edge Keys at the beginning of project and at Grandview Road. Unless specified in the Contract or directed by the Engineer, do not construct edge keys at other 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 Inches

L = VARIES SEE DETAIL SHEET LF

L= Length of Edge Key

1-3309 Edge key by Ton 01/02//2012

SPECIAL NOTE FOR ASPHALT MILLING AND TEXTURING

Begin paving operations within <u>48 hours</u> 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 out of the Park and 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

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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 2020 Standard and Supplemental Specifications and the 2019 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

Do not erect any lane closures or perform any work on the following days:

May 26-28, 2023 Memorial Day Week End June 30-July 4, 2023 Independence Day Weekend September 1-4, 2023 Labor Day Weekend

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

Maintain alternating one-way traffic Settler's Trace Road during construction. Provide a minimum clear lane width of ten (10) 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. The contractor may close up to ½ of each Parking Lot separate times to allow constructions.

Informally Partner with the Park Manager and the Engineer to develop a work schedule of lane and parking lot closures. The Engineer or Park Manager may specify specific weekends or days and hours that lane closures or construction will not be allowed. The Department will provide public notification. Notify the Engineer immediately and obtain prior approval of any proposed deviations from the approved schedule.

LANE, SHOULDERS, & PARKING LOT CLOSURES

Do not leave lane closures in place during non-working hours. Do not store materials or equipment on shoulders during non-working hours. Except as approved by the Park Manager, do not store materials or equipment on the Parking Lots during either working or non-working hours

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Traffic Control Plan Page 2 of 3

SIGNS

Sign posts and splices shall be compliant with NCHRP 350 or MASH. Manufacturer's documentation validating this compliance shall be provided to the Engineer prior to installation. Signs, including any splices, shall be installed according to manufacturer's specifications and installation recommendations. Contrary to section 112.04.02, only long-term signs (signs intended to be continuously in place for more than 3 days) will be measured for payment. Short-term signs (signs intended to be left in place for 3 days or less) will not be measured for payment but will be incidental to Maintain and Control Traffic.

CHANGEABLE MESSAGE SIGNS

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

BARRICADES

Contrary 112, the Department will not measure barricades, but shall be incidental to Maintain and Control Traffic.

PAVEMENT MARKINGS

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

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

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

See the Special Note for Parking Lot Striping and Markings.

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

Traffic Control Plan Page 3 of 3

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" or greater - 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.

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

SPECIAL NOTE FOR PARKING LOT STRIPING

I. DESCRIPTION

Except as specified herein, perform all work in accordance with the 2020 Department's Standard and Supplemental Specifications and 2019 Standard and Sepia Drawings, current editions. Article references are to the Standard Specifications. This work shall consist of the following:

(1) Placing of painted parking lot striping; (2) Placing of painted parking lot symbols; (3) Placing of painted parking lot letters 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. Paint Parking Lot Striping, Symbols, and Letters.** Furnish paint for Parking Lot Striping conforming to Section 842. Furnish white and blue paint as applicable.

III. CONSTRUCTION METHODS

- A. Maintain and Control Traffic. See Traffic Control Plan.
- **B. Paint Parking Lot Striping, Symbols, and Letters.** Install Painted Parking Lot Striping, Symbols, and Letters 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. If the Parking Lot Striping, Symbols, or Letters is to deviate from the existing, the Engineer will furnish a detailed striping plan to the Contractor prior to beginning work.

IV. METHOD OF MEASUREMENT

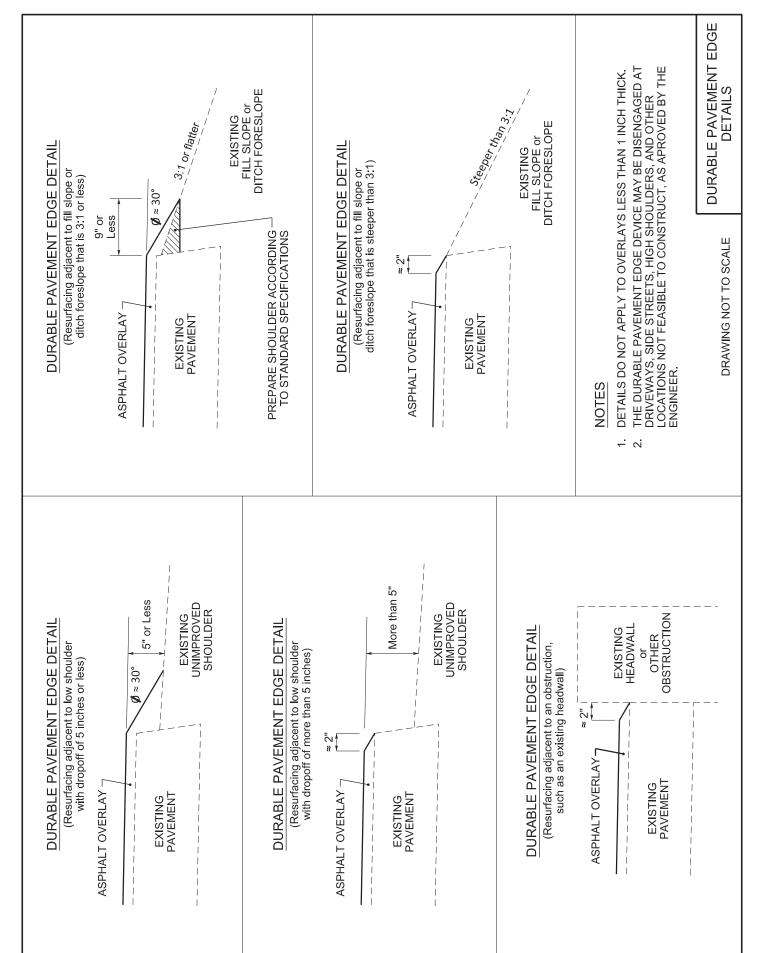
- A. Maintain and Control Traffic. See Traffic Control Plan.
- **B. Paint Parking Lot Striping.** The Department will measure Paint Parking Lot Striping in linear feet.

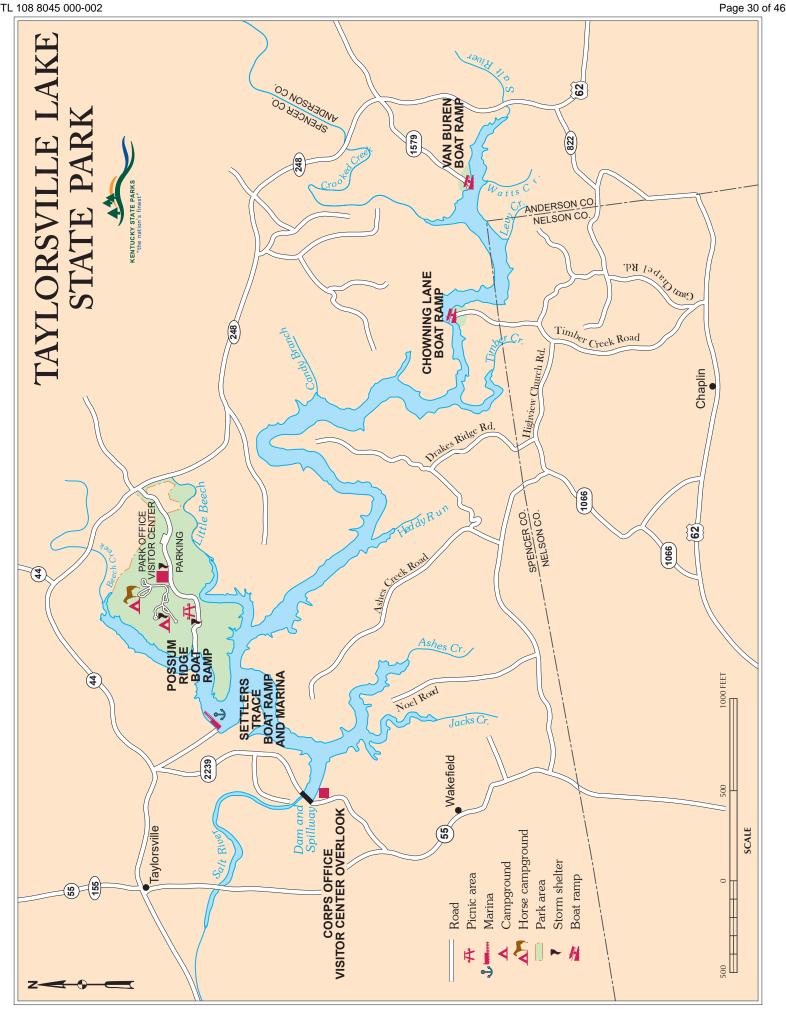
Parking Lot Striping Page 2 of 2

- **C. Paint Parking Lot Symbols.** The Department will measure Paint Parking Lot Symbols in individual units, Each.
- **D. Paint Parking Lot Letters.** The Department will measure Paint Parking Lot Letters in individual units, Each.

V. BASIS OF PAYMENT

- A. Maintain and Control Traffic. See Traffic Control Plan.
- **B. Paint 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. Paint 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. Paint Parking Lot Letters.** Accept payment at the contract unit price each as full compensation for all materials, equipment, labor and incidentals necessary to complete the work.





TAYLORSVILLE LAKE STATE PARK SETTLERS TRACE - GENERAL SUMMARY

ITEM	UNIT	ROAD	Lot 1	Lot 2	TOTAL
TEMPORARY SIGNS	SQUARE FEET	230	170	170	570
MAINTEN& CONTROL TRAFFIC	LUMP SUM		1	-	1
CL 2 ASPH SURF 0.38D PG64-22	TON	890	640	0	1,530
ASPH MAT FOR TACK NON-TRACKING	TON	5.7	4.1	0.0	9.8
OVERBAND CRACK SEALING	LB	8,000	0	0	8,000
LEVELING & WEDGING	TON	183	48	0	231
MOBILIZATION MILL & TEXTURE	LUMP SUM		1		1
ASPH PAVING MILLING & TEXTURING	TON	42	26	0	68
EDGELINE RUMBLE STRIPS	LINEAR FEET	10,560	0	0	10,560
PAVE STRIPING-PERM PAINT 4"	LINEAR FEET	20,800	0	0	20,800
PAVE STRIPING-TEMPPAINT-4"	LINEAR FEET	4,000	0	0	0
REMOVE & RESET VEHICLE STOPS	EACH	0	150	100	250
PAVE MARK HANDICAP SYMBOLS-PAINT	EACH	0	12	8	20
PAVE MARK STOP BAR-12 INCHES PAINT	LINEAR FEET	0	50	0	50
PAV MARK-PAINT ARROWS-CURVE	EACH	0	4	0	4
PAV MARK-PAINT ARROWS-STRAIGHT	EACH	0	8	0	8
PAV MARK-PAINT CROSS-HATCH	SQUARE FEET	0	1,204	0	1,204
PAV MARK-PAINT PARKING LOT-4"	LINEAR FEET	0	7,200	2,360	9,560
INSTALL PAINTED LETTERS	EACH	0	99	0	99
ASPHALT EMULSION FOG SEAL	TON	0	0	2.6	2.6

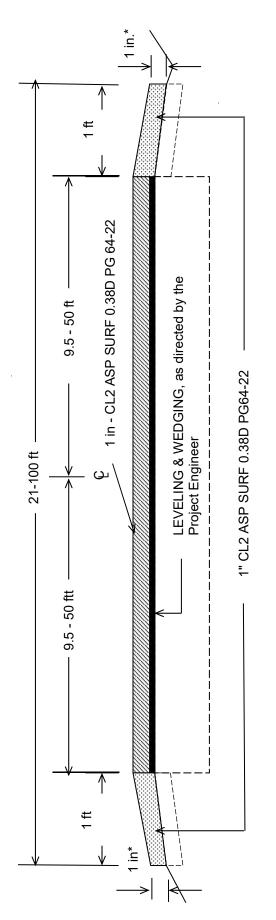
MILLING SUMMARY SETTLER'S TRACE ROAD

Milepoint	Comment	Length	Width	Avg Depth	Tons
0.000	KY2259	50	40	1	12.2
0.502	GRANDVIEW DR	70	70	1	29.9

SUMMARY MILLNG PARKING LOT #1

Comment	Length	Width	Avg Depth	Tons
BOAT RAMP	36	95	1	21.0
DOCK SIDEWALK	20	20	1	2.5
MARINA SIDEWALK	20	20	1	2.5
				·

SPENCER COUNTY
SETTLERS TRACE RD
TYPICAL SECTION



*Where Existing Site Conditions Permit

N.TS.

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 2019 and Standard Drawings, Edition of 2020.

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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

CURVE WIDENING AND SUPERELEVATION TRANSITIONS	RGS-001-07
MISCELLANEOUS STANDARDS	RGX-001-06
APPROACHES, ENTRANCES, AND MAIL BOX TURNOUT	RPM-110-07
PRECAST VEHICLE STOP	RPM-130-04
PAVEMENT STRIPING DETAILS FOR TWO LANE TWO WAY ROADWAYS	TPM-175
LANE CLOSURE TWO-LANE HIGHWAY	TTC-100-05
SHOULDER CLOSURE	TTC-135-03
PAVEMENT CONDITION WARNING SIGNS	TTD-125-03
SPEED ZONE SIGNING FOR WORK ZONES	TTD-130
MOBILE OPERATION FOR PAINT STRIPING CASE I	TTS-100-02
MOBILE OPERATION FOR PAINT STRIPING CASE II	TTS-105-02

PART III

EMPLOYMENT, WAGE AND RECORD REQUIREMENTS

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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.

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.

- 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 administrating agency may direct as a means of enforcing such provisions, including sanctions for non-compliance.

Revised: January 25, 2017

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** 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

ren nooi

BEGINNING JULY 24, 2009

OVERTIME PAY

At least $1\frac{1}{2}$ 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.
- \bullet Some state laws provide greater employee protections; employers must comply with both.
- \bullet 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.



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PART IV

INSURANCE

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

current edition

PART V

BID ITEMS

232291

CPTL 108 8045 000-002

PROPOSAL BID ITEMS

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Report Date 4/20/23

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Section: 0001 - ASPPHALT PAVING

LINE	BID CODE	ALT DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00190	LEVELING & WEDGING PG64-22	231.00	TON		\$	
0020	00301	CL2 ASPH SURF 0.38D PG64-22	1,530.00	TON		\$	
0030	02562	TEMPORARY SIGNS	570.00	SQFT		\$	
0040	02650	MAINTAIN & CONTROL TRAFFIC	1.00	LS		\$	
0050	02676	MOBILIZATION FOR MILL & TEXT	1.00	LS		\$	
0060	02697	EDGELINE RUMBLE STRIPS	10,560.00	LF		\$	
0070	06510	PAVE STRIPING-TEMP PAINT-4 IN YELLOW	4,000.00	LF		\$	
0800	06514	PAVE STRIPING-PERM PAINT-4 IN WHITE & YELLOW	20,800.00	LF		\$	
0090	06570	PAVE MARKING-PAINT CROSS-HATCH WHITE OR BLUE	1,204.00	SQFT		\$	
0100	06571	PAVE MARKING-PAINT PARKING LOT WHITE OR BLUE STRIPING - 4"	9,560.00	LF		\$	
0110	20205EC	PAVE MARK STOP BAR-24 IN PAINT WHIT PAINT	50.00	LF		\$	
0120	20206EC	PAVE MARK HANDICAP SYMBOL BLUE PAINT	20.00	EACH		\$	
0130	20208NC	PAVE MARK-PAINT ARROWS WHITE CURVE	4.00	EACH		\$	
0140	20208NC	PAVE MARK-PAINT ARROWS WHITE STRAIGHT	8.00	EACH		\$	
0150	20267EC	REM & RESET VEHICLE STOPS	250.00	EACH		\$	
0160	23019EN	ASPHALT MILLING AND TEXTURING	68.00	SQYD		\$	
0170	23071EN	OVERBAND CRACK SEALING	8,000.00	LB		\$	
0180	24601EC	INSTALL PAINTED LETTERS	99.00	EACH		\$	
0190	24878EC	ASPHALT EMULSION FOR FOG SEAL	2.60	TON		\$	
0200	24970EC	ASPHALT MATERIAL FOR TACK NON- TRACKING	9.80	TON		\$	

Section: 0002 - DEMOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0210	02569		DEMOBILIZATION	1.00	LS		\$	