



Andy Beshear  
GOVERNOR

## TRANSPORTATION CABINET

200 Mero Street  
Frankfort, Kentucky 40601

Jim Gray  
SECRETARY

July 21, 2025

CALL NO. 404  
CONTRACT ID NO. 252113  
ADDENDUM # 1

Subject: Henry-Shelby Counties, 121GR25P036 - FD05  
Letting July 24, 2025

- (1) Revised - Completion Date - Cover Page & Page 4 of 76
- (2) Added - Special Note - Page 23A-23C of 76
- (3) Revised - Material Summary - Pages 42-44 of 76
- (4) Revised - Proposal Bid Items - Pages 75-76 of 76

Proposal revisions are available at <http://transportation.ky.gov/Construction-Procurement/>.

If you have any questions, please contact us at 502-564-3500.

Sincerely,

A handwritten signature in black ink that reads "Rachel Mills".

Rachel Mills, P.E.  
Director  
Division of Construction Procurement

RM:mr  
Enclosures



**CALL NO. 404**

**CONTRACT ID. 252113**

**HENRY - SHELBY COUNTIES**

**FED/STATE PROJECT NUMBER 121GR25P036 - FD05**

**DESCRIPTION KY 22 & US 421 HENRY COUNTY & US 421 SHELBY COUNTY**

**WORK TYPE ASPHALT RESURFACING**

**PRIMARY COMPLETION DATE 06/30/2025**

**LETTING DATE: July 24,2025**

Sealed Bids will be received electronically through the Bid Express bidding service until 10:00 AM EASTERN DAYLIGHT TIME July 24,2025. 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.

ADMINISTRATIVE DISTRICT - 05

CONTRACT ID - 252113  
121GR25P036 - FD05  
COUNTY - HENRY  
PCN - MP05200222501  
FD05 052 0022 000-008

BALLARDSVILLE ROAD (KY 22) (MP 0.000) BEGIN AT THE OLDHAM/HENRY COUNTY LINE EXTENDING EAST TO KY 55 (MP 7.420), A DISTANCE OF 07.42 MILES.ASPHALT RESURFACING  
GEOGRAPHIC COORDINATES LATITUDE 38:27:54.80 LONGITUDE 85:06:47.12  
ADT 4,831

PCN - MP05204212501  
FD05 052 00421 010-014

CASTLE HIGHWAY (US 421) (MP 10.430) BEGIN 21 FEET NORTH OF KY 3322 EXTENDING NORTH TO KY 55 (MP 13.258), A DISTANCE OF 02.82 MILES.ASPHALT RESURFACING  
GEOGRAPHIC COORDINATES LATITUDE 38:24:54.00 LONGITUDE 85:09:39.00  
ADT 1,692

COUNTY - SHELBY

PCN - MP10604212501  
FD05 106 0421 000-001

CASTLE HIGHWAY (US 421) (MP 0.000) BEGIN AT THE HENRY/SHELBY COUNTY LINE EXTENDING NORTH TO THE SHELBY/HENRY COUNTY LINE (MP 0.790), A DISTANCE OF 0.79 MILES.ASPHALT RESURFACING  
GEOGRAPHIC COORDINATES LATITUDE 38:20:18.00 LONGITUDE 85:04:57.00  
ADT 1,647

COMPLETION DATE(S):  
COMPLETED BY 06/30/2026                      APPLIES TO ENTIRE CONTRACT

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

MATERIAL SUMMARY

CONTRACT ID: 252113

121GR25P036 - FD05

MP05200222501

BALLARDSVILLE ROAD (KY 22) BEGIN AT THE OLDHAM/HENRY COUNTY LINE EXTENDING EAST TO KY 55 ASPHALT RESURFACING, A DISTANCE OF 7.42 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0005	00190	LEVELING & WEDGING PG64-22	834.00	TON
0010	00301	CL2 ASPH SURF 0.38D PG64-22	5,830.00	TON
0020	02562	TEMPORARY SIGNS	430.00	SQFT
0025	02650	MAINTAIN & CONTROL TRAFFIC - (KY 22)	1.00	LS
0030	02676	MOBILIZATION FOR MILL & TEXT - (KY 22)	1.00	LS
0035	02677	ASPHALT PAVE MILLING & TEXTURING	650.00	TON
0040	02697	EDGE LINE RUMBLE STRIPS	65,578.00	LF
0045	03240	BASE FAILURE REPAIR	485.00	SQYD
0050	06510	PAVE STRIPING-TEMP PAINT-4 IN	78,065.00	LF
0055	06514	PAVE STRIPING-PERM PAINT-4 IN	400.00	LF
0060	06515	PAVE STRIPING-PERM PAINT-6 IN	150,000.00	LF
0065	06542	PAVE STRIPING-THERMO-6 IN W	220.00	LF
0070	06546	PAVE STRIPING-THERMO-12 IN W	680.00	LF
0075	06565	PAVE MARKING-THERMO X-WALK-6 IN	310.00	LF
0080	06568	PAVE MARKING-THERMO STOP BAR-24IN	116.00	LF
0085	06569	PAVE MARKING-THERMO CROSS-HATCH	1,000.00	SQFT
0090	06574	PAVE MARKING-THERMO CURV ARROW	7.00	EACH
0095	10020NS	FUEL ADJUSTMENT	10,785.00	DOLL
0100	10030NS	ASPHALT ADJUSTMENT	27,090.00	DOLL
0105	22520EN	PAVE MARKING-THERMO YIELD BAR-36 IN	30.00	LF
0110	23261EC	PAVE MARK-THERMO-X-WALK-24 IN	170.00	LF
0115	24683ED	PAVE MARKING-THERMO DOTTED LANE EXTEN	110.00	LF
0120	26119EC	INSTALL RADAR PRESENCE DETECTOR TYPE A	6.00	EACH
0125	26120EC	INSTALL RADAR ADVANCE DETECTOR TYPE B	2.00	EACH
0130	02569	DEMOBILIZATION	1.00	LS
0135	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING (ADDED 7-21-25)	44.00	TON

MATERIAL SUMMARY

CONTRACT ID: 252113

121GR25P036 - FD05

MP05204212501

CASTLE HIGHWAY (US 421) BEGIN 21 FEET NORTH OF KY 3322 EXTENDING NORTH TO KY 55 ASPHALT RESURFACING, A DISTANCE OF 2.82 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0135	00190	LEVELING & WEDGING PG64-22	243.00	TON
0140	00301	CL2 ASPH SURF 0.38D PG64-22	2,360.00	TON
0145	02650	MAINTAIN & CONTROL TRAFFIC - (US 421)	1.00	LS
0150	02676	MOBILIZATION FOR MILL & TEXT - (US 421)	1.00	LS
0155	02677	ASPHALT PAVE MILLING & TEXTURING	45.00	TON
0160	02697	EDGE LINE RUMBLE STRIPS (REVISED 7-21-25)	29,870.00	LF
0165	06510	PAVE STRIPING-TEMP PAINT-4 IN	15,000.00	LF
0170	06542	PAVE STRIPING-THERMO-6 IN W	30,000.00	LF
0175	06543	PAVE STRIPING-THERMO-6 IN Y	30,000.00	LF
0180	06568	PAVE MARKING-THERMO STOP BAR-24IN	32.00	LF
0185	10030NS	ASPHALT ADJUSTMENT	10,177.00	DOLL
0190	10030NS	ASPHALT ADJUSTMENT	4,052.00	DOLL
0195	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING	17.00	TON
0200	02569	DEMOBILIZATION	1.00	LS
0205	02562	TEMPORARY SIGNS (ADDED 7-21-25)	270.00	SQFT
0210	03240	BASE FAILURE REPAIR (ADDED 7-21-25)	160.00	SQYD



MATERIAL SUMMARY

CONTRACT ID: 252113

121GR25P036 - FD05

MP10604212501

CASTLE HIGHWAY (US 421) BEGIN AT THE HENRY/SHELBY COUNTY LINE EXTENDING NORTH TO THE SHELBY/HENRY COUNTY LINE ASPHALT RESURFACING, A DISTANCE OF .79 MILES.

Project Line No	Bid Code	DESCRIPTION	Quantity	Unit
0205	00190	LEVELING & WEDGING PG64-22	72.00	TON
0210	00301	CL2 ASPH SURF 0.38D PG64-22	725.00	TON
0215	02562	TEMPORARY SIGNS	210.00	SQFT
0220	02650	MAINTAIN & CONTROL TRAFFIC - (US 421 SHELBY COUNTY)	1.00	LS
0225	02676	MOBILIZATION FOR MILL & TEXT - (US 421 SHELBY COUNTY)	1.00	LS
0230	02677	ASPHALT PAVE MILLING & TEXTURING	15.00	TON
0235	02697	EDGE LINE RUMBLE STRIPS	8,342.00	LF
0240	03240	BASE FAILURE REPAIR	285.00	SQYD
0245	06542	PAVE STRIPING-THERMO-6 IN W	8,400.00	LF
0250	06543	PAVE STRIPING-THERMO-6 IN Y	8,400.00	LF
0255	10020NS	FUEL ADJUSTMENT	1,209.00	DOLL
0260	10030NS	ASPHALT ADJUSTMENT	3,038.00	DOLL
0265	20458ES403	CENTERLINE RUMBLE STRIPS	4,171.00	LF
0270	24683ED	PAVE MARKING-THERMO DOTTED LANE EXTEN	140.00	LF
0275	02569	DEMOBILIZATION	1.00	LS
0280	06510	PAVE STRIPING-TEMP PAINT-4 IN (ADDED 7-21-25)	2,000.00	LF
0285	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING (ADDED 7-21-25)	5.00	TON

Report Date 7/21/25

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Section: 0001 - PAVING

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00190		LEVELING & WEDGING PG64-22	1,149.00	TON		\$	
0020	00301		CL2 ASPH SURF 0.38D PG64-22	8,915.00	TON		\$	
0040	02562		TEMPORARY SIGNS (REVISED 7-21-25)	910.00	SQFT		\$	
0050	02650		MAINTAIN & CONTROL TRAFFIC (KY 22)	1.00	LS		\$	
0060	02650		MAINTAIN & CONTROL TRAFFIC (US 421 SHELBY COUNTY)	1.00	LS		\$	
0070	02650		MAINTAIN & CONTROL TRAFFIC (US 421)	1.00	LS		\$	
0080	02676		MOBILIZATION FOR MILL & TEXT (KY 22)	1.00	LS		\$	
0090	02676		MOBILIZATION FOR MILL & TEXT (US 421 SHELBY COUNTY)	1.00	LS		\$	
0100	02676		MOBILIZATION FOR MILL & TEXT (US 421)	1.00	LS		\$	
0110	02677		ASPHALT PAVE MILLING & TEXTURING	710.00	TON		\$	
0120	02697		EDGE LINE RUMBLE STRIPS (REVISED 7-21-25)	103,790.00	LF		\$	
0130	03240		BASE FAILURE REPAIR (REVISED 7-21-25)	930.00	SQYD		\$	
0140	06510		PAVE STRIPING-TEMP PAINT-4 IN (REVISED 7-21-25)	95,065.00	LF		\$	
0150	06514		PAVE STRIPING-PERM PAINT-4 IN	400.00	LF		\$	
0160	06515		PAVE STRIPING-PERM PAINT-6 IN	150,000.00	LF		\$	
0170	06542		PAVE STRIPING-THERMO-6 IN W	38,620.00	LF		\$	
0180	06543		PAVE STRIPING-THERMO-6 IN Y	38,400.00	LF		\$	
0190	06546		PAVE STRIPING-THERMO-12 IN W	680.00	LF		\$	
0200	06565		PAVE MARKING-THERMO X-WALK-6 IN	310.00	LF		\$	
0210	06568		PAVE MARKING-THERMO STOP BAR-24IN	148.00	LF		\$	
0220	06569		PAVE MARKING-THERMO CROSS-HATCH	1,000.00	SQFT		\$	
0230	06574		PAVE MARKING-THERMO CURV ARROW	7.00	EACH		\$	
0240	10020NS		FUEL ADJUSTMENT	11,994.00	DOLL	\$1.00	\$	\$11,994.00
0250	10030NS		ASPHALT ADJUSTMENT	44,357.00	DOLL	\$1.00	\$	\$44,357.00
0260	20458ES403		CENTERLINE RUMBLE STRIPS	4,171.00	LF		\$	
0270	22520EN		PAVE MARKING-THERMO YIELD BAR-36 IN	30.00	LF		\$	
0280	23261EC		PAVE MARK-THERMO-X-WALK-24 IN	170.00	LF		\$	
0290	24683ED		PAVE MARKING-THERMO DOTTED LANE EXTEN	250.00	LF		\$	
0300	24970EC		ASPHALT MATERIAL FOR TACK NON-TRACKING (REVISED 7-21-25)	66.00	TON		\$	
0310	26119EC		INSTALL RADAR PRESENCE DETECTOR TYPE A	6.00	EACH		\$	
0320	26120EC		INSTALL RADAR ADVANCE DETECTOR TYPE B	2.00	EACH		\$	

Section: 0002 - DEMOBILIZATION

LINE	BID CODE	ALT	DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0330	02569		DEMOBILIZATION	1.00	LS		\$	

252113

PROPOSAL BID ITEMS

Report Date 7/21/25