



Andy Beshear
GOVERNOR

TRANSPORTATION CABINET

200 Mero Street
Frankfort, Kentucky 40601

Jim Gray
SECRETARY

June 13, 2023

CALL NO. 400
CONTRACT ID NO. 231030
ADDENDUM # 2

Subject: Crittenden County, 028GR23D004 - FD04
Letting June 22, 2023

- (1) Revised - Special Notes - Pages 10, 64, 127-129, 133, 134, 144 and 153 of 220
- (2) Added - Special Note - Page 49a of 220
- (3) Omit Proposal Page 126

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

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

Sincerely,

Rachel Mills,

A handwritten signature in black ink that reads "Rachel Mills". The signature is written in a cursive, flowing style.

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

RM:mr
Enclosures

SURFACING AREAS for Item 1-9023.00

Sta. 263+00 – Sta. 299+80 and Sta. 425+40 – Sta. 427+75

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

The Department estimates the total mainline area to be surfaced to be 9597 square yards.

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

The Department estimates the total shoulder area to be surfaced to be 1740 square yards.

Sta. 299+80 – Sta. 379+00

The Department estimates the mainline surfacing width to be 21 feet.

The Department estimates the total mainline area to be surfaced to be 18,480 square yards.

The Department estimates the shoulder width to be 1.5 feet on each side.

The Department estimates the total shoulder area to be surfaced to be 2640 square yards.

ASPHALT MIXTURE

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

DGA BASE

Unless otherwise noted, the Department estimates the rate of application for DGA Base to be 115 lbs/sy per inch of depth.

DGA BASE FOR SHOULDERS

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

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

INCIDENTAL SURFACING

The Department has included in the quantities of asphalt mixtures established in the proposal estimated quantities required for resurfacing or surfacing mailbox turnouts, farm field entrances, residential and commercial entrances, curve widening, ramp gores and tapers, and road and street approaches, as applicable. Pave these areas to the limits as shown on Standard Drawing RPM-110-07 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.

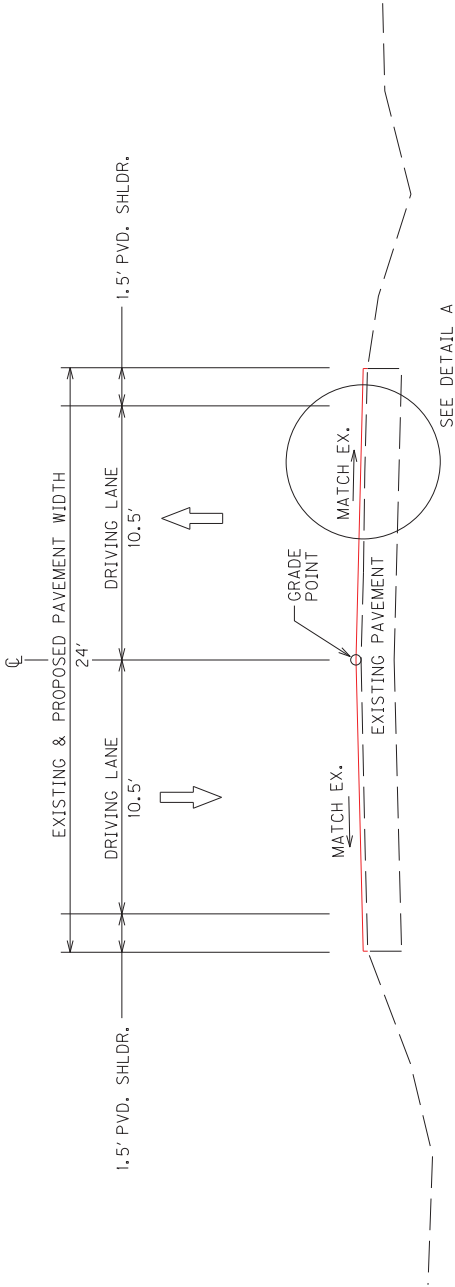
FUEL AND ASPHALT PAY ADJUSTMENT

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

OPTION A

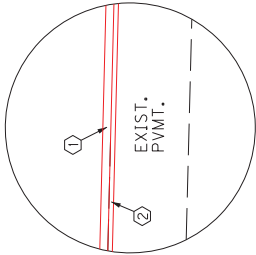
Be advised that the Department will accept compaction of asphalt mixtures furnished for driving lanes and ramps, at 1 inch (25mm) or greater, on this project according to OPTION A in accordance with Section 402 and Section 403 of the current Standard Specifications. The Department will require joint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

COUNTY OF	ITEM NO.
CRITTENDEN	1-9023.00



US 60 – ASPHALT OVERLAY

STA. 299+80 TO STA. 379+00



DETAIL A
NTS

- (1) 1.00" CL2 ASPH SURFACE 0.380 PG64-22
- (2) LEVELING & WEDGING AS DIRECTED BY ENGINEER

1-9023.00

TRAFFIC CONTROL PLAN

TRAFFIC CONTROL GENERAL

Except as provided herein, traffic shall be maintained in accordance with the current editions of the Manual on Uniform Traffic Control Devices (MUTCD), Standard Specifications, and the Standard and Sepia Drawings. Except for the roadway and traffic control bid items listed, all items of work necessary to maintain and control traffic will be paid at the lump sum bid price to “Maintain and Control Traffic”.

Contrary to Section 106.01, traffic control devices used on this project may be new, or used in like new condition, at the beginning of the work and maintained in like new condition until completion of the work. Any temporary traffic control items, devices, materials, and incidentals shall remain the property of the contractor unless otherwise addressed, when no longer needed.

PROJECT PHASING & CONSTRUCTION PROCEDURES

Maintain alternating one-way traffic during construction. Provide a minimum clear lane width of 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 or emergency vehicle on an official run arrives on the scene, make provisions for the passage of the school bus or emergency vehicle as quickly as possible.

Unless otherwise approved by the Engineer, no lane closures will be allowed on the following dates:

Labor Day Weekend	3 pm Friday, September 1, 2023 – 8 pm Monday, September 4, 2023
Thanksgiving Holiday	3 pm Wednesday, November 22, 2023 – 8 pm Sunday, November 26, 2023
Christmas Holiday	3 pm Friday, December 22, 2023 – 8 pm Monday, December 25, 2023
New Year’s Day Holiday	7 am Saturday, December 30, 2023 – 8 pm Monday, January 1, 2024
Easter Weekend	3 pm Friday, March 29, 2024 – 8 pm Sunday, March 31, 2024
Memorial Day Weekend	3 pm Friday, May 24, 2024 – 8 pm Monday, May 27, 2024
Independence Day	7 pm Thursday, July 4, 2024 – 8 pm Sunday, July 7, 2024
Labor Day Weekend	3 pm Friday, August 30, 2024 – 8 pm Monday, September 2, 2024
Thanksgiving Holiday	3 pm Wednesday, November 27, 2024 – 8 pm Sunday, December 1, 2024

When school is in session, no lane closures will be allowed between 6:30 am – 8:30 am.

At the discretion of the Engineer, additional days and hours may be specified when lane closures will not be allowed.

LANE CLOSURES

Long term lane closures shall not be allowed; therefore, lane closures will not be measured for payment. Do not leave lane closures in place during non-working hours and prohibited periods.

US 60 - CRITTENDEN COUNTY ITEM NO. 1-9023.00 GENERAL SUMMARY			
ITEM	DESCRIPTION	UNIT	QUANTITY
1	DGA BASE (9) (1)	TON	783
100	ASPHALT SEAL AGGREGATE (1)	TON	83
103	ASPHALT SEAL COAT (1)	TON	10
190	LEVELING & WEDGING PG64-22 (2) (1)	TON	242
212	CL2 ASPH BASE 1.00D PG64-22 (9) (2) (1)	TON	410
301	CL2 ASPH SURF 0.38D PG64-22 (9) (1)	TON	1792
441	ENTRANCE PIPE-18 IN (9)	LF	86
462	CULVERT PIPE-18 IN (2)	LF	93
464	CULVERT PIPE-24 IN (2)	LF	46
470	CULVERT PIPE-48 IN (2)	LF	16
1204	PIPE CULVERT HEADWALL-18 IN (2)	EACH	1
1208	PIPE CULVERT HEADWALL-24 IN (2)	EACH	1
1310	REMOVE PIPE (9) (2)	LF	208
1726	SAFETY BOX INLET-18 IN SDB-1 (2)	EACH	1
1987	DELINEATOR FOR GUARDRAIL B/W (4)	EACH	20
2159	TEMP DITCH	LF	9364
2160	CLEAN TEMP DITCH	LF	4682
2203	STRUCTURE EXCAVATION UNCLASSIFIED (10)	CUYD	9
2263	FENCE-WOVEN WIRE TYPE 2 (12)	LF	200
2265	REMOVE FENCE (12)	LF	200
2355	GUARDRAIL -STEEL W BEAM-S FACE A (4)	LF	100
2360	GUARDRAIL TERMINAL SECTION NO 1 (4)	EACH	1
2367	GUARDRAIL END TREATMENT TYPE 1 (4)	EACH	5
2381	REMOVE GUARDRAIL (4)	LF	963
2483	CHANNEL LINING CLASS II (2) (3) (11)	TON	1040
2555	CONCRETE-CLASS B (12)	CUYD	1.5
2562	TEMPORARY SIGNS	SQFT	288
2569	DEMOBILIZATION	LS	1
2575	DITCHING AND SHOULDERING (3)	LF	5200
2585	EDGE KEY (1)	LF	246
2602	GEOTEXTILE FABRIC CLASS 1 (3) (11)	SQYD	281
2610	RETAINING WALL - GABION (10)	CUYD	18
2625	REMOVE HEADWALL (CULVERT PIPES) (2)	EACH	5
2650	MAINTAIN & CONTROL TRAFFIC	LS	1
2671	PORTABLE CHANGEABLE MESSAGE SIGN	EACH	2
2697	EDGE LINE RUMBLE STRIPS (5)	LF	23670
2701	TEMP SILT FENCE	LF	9364
2703	SILT TRAP TYPE A	EACH	6
2704	SILT TRAP TYPE B	EACH	6
2705	SILT TRAP TYPE C	EACH	6
2706	CLEAN SILT TRAP TYPE A	EACH	6
2707	CLEAN SILT TRAP TYPE B	EACH	6
2708	CLEAN SILT TRAP TYPE C	EACH	6
2726	STAKING	LS	1
5950	EROSION CONTROL BLANKET (11)	SQYD	1000
5952	TEMP MULCH	SQYD	18676
5953	TEMP SEEDING AND PROTECTION	SQYD	14000

- (1) QUANTITY CARRIED OVER FROM PAVING SUMMARY
- (2) QUANTITY CARRIED OVER FROM CULVERT PIPE EXTENSION SUMMARY
- (3) QUANTITY CARRIED OVER FROM DITCHING AND SHOULDERING SUMMARY
- (4) QUANTITY CARRIED OVER FROM GUARDRAIL SUMMARY
- (5) QUANTITY CARRIED OVER FROM RUMBLE STRIP SUMMARY
- (6) QUANTITY CARRIED OVER FROM STRIPING SUMMARY
- (7) QUANTITY CARRIED OVER FROM SIGNING SUMMARY
- (8) QUANTITY CARRIED OVER FROM REMOVE SIGN SUMMARY
- (9) QUANTITY CARRIED OVER FROM ENTRANCE SUMMARY
- (10) QUANTITY CARRIED OVER FROM GABION BASKET SUMMARY
- (11) FOR USE AS DIRECTED BY ENGINEER
- (12) FOR FENCE LT. STA. 287+25 TO STA. 289+25

US 60 - CRITTENDEN COUNTY ITEM NO. 1-9023.00 GENERAL SUMMARY			
ITEM	DESCRIPTION	UNIT	QUANTITY
5963	INITIAL FERTILIZER	TON	0.8
5964	MAINTENANCE FERTILIZER	TON	0.5
5985	SEEDING AND PROTECTION	SQYD	15635
5992	AGRICULTURAL LIMESTONE	TON	10.0
6406	SBM ALUM SHEET SIGNS .080 IN (8)	SQFT	78.06
6407	SBM ALUM SHEET SIGNS .125 IN (8)	SQFT	26.68
6410	STEEL POST TYPE 1 (8)	LF	185
6510	PAVE STRIPING-TEMP PAINT-4 IN (11)	LF	80000
6515	PAVE STRIPING-PERM PAINT-6 IN (6)	LF	40382
8002	STRUCTURE EXCAV-SOLID ROCK (RCBC STA. 426+65)	CUYD	16
8003	FOUNDATION PREPARATION (RCBC STA. 426+65)	EACH	1
8100	CONCRETE-CLASS A (RCBC STA. 426+65)	CUYD	31.60
8100	CONCRETE-CLASS A (2)	CUYD	0.86
8150	STEEL REINFORCEMENT (RCBC STA. 426+65)	LB	3777
8801	GUARDRAIL-STEEL W BEAM-S FACE BR (4)	LF	19
20191ED	OBJECT MARKER TYPE 3 (4)	EACH	5
20458ES403	CENTERLINE RUMBLE STRIPS (5)	LF	3915
20748ED	SHOULDER MILLING/TRENCHING (1)	SQYD	1742
21134ND	REMOVE-STORE AND REINSTALL SIGN (11)	EACH	5
21373ND	REMOVE SIGN (8)	EACH	11
21802EN	G/R STEEL B BEAM-S FACE (7 FT POST) (4)	LF	710
24361EC	BARCODE SIGN INVENTORY (7)	EACH	24
24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING (1)	TON	13.8
26131ED	SLOPED AND MITERED HEADWALL-18 IN (2)	EACH	1
26132ED	SLOPED AND MITERED HEADWALL-24 IN (2)	EACH	1

- (1) QUANTITY CARRIED OVER FROM PAVING SUMMARY
- (2) QUANTITY CARRIED OVER FROM CULVERT PIPE EXTENSION SUMMARY
- (3) QUANTITY CARRIED OVER FROM DITCHING AND SHOULDERING SUMMARY
- (4) QUANTITY CARRIED OVER FROM GUARDRAIL SUMMARY
- (5) QUANTITY CARRIED OVER FROM RUMBLE STRIP SUMMARY
- (6) QUANTITY CARRIED OVER FROM STRIPING SUMMARY
- (7) QUANTITY CARRIED OVER FROM SIGNING SUMMARY
- (8) QUANTITY CARRIED OVER FROM REMOVE SIGN SUMMARY
- (9) QUANTITY CARRIED OVER FROM ENTRANCE SUMMARY
- (10) QUANTITY CARRIED OVER FROM GABION BASKET SUMMARY
- (11) FOR USE AS DIRECTED BY ENGINEER

US 60 - CRITTENDEN COUNTY ITEM NO. 1-9023.00 PAVING SUMMARY			
SHOULDER PAVEMENT WIDENING WITH ASPHALT OVERLAY STA. 263+00 - 299+80			
PAVING AREAS		PAVING QUANTITIES	
ITEM	TOTAL	ITEM	TOTAL
	SQYD		TON
1.00" CL2 ASPH SURF 0.38D PG64-22	10632	1.00" CL2 ASPH SURF 0.38D PG64-22*	585
4.00" CL2 ASPH BASE 1.00D PG64-22	1636	4.00" CL2 ASPH BASE 1.00D PG64-22*	360
4.00" DGA	1636	4.00" DGA**	377
DGA WEDGE	--	DGA WEDGE**	329
LEVELING & WEDGING PG64-22 (DEPTH VARIES)	--	LEVELING & WEDGING PG64-22*	60
ASPHALT SEAL AGGREGATE	--	ASPHALT SEAL AGGREGATE	78
ASPHALT SEAL COAT	--	ASPHALT SEAL COAT	9.4
ASPHALT MATERIAL FOR TACK NON-TRACKING	10632	ASPHALT MATERIAL FOR TACK NON-TRACKING	4.5
	SQYD		SQYD
SHOULDER MILLING/TRENCHING	1636	SHOULDER MILLING/TRENCHING	1636
	LF		LF
EDGE KEY	26	EDGE KY	26
ASPHALT OVERLAY STA. 299+80 - 379+00			
PAVING AREAS		PAVING QUANTITIES	
ITEM	TOTAL	ITEM	TOTAL
	SQYD		TON
1.00" CL2 ASPH SURF 0.38D PG64-22	21120	1.00" CL2 ASPH SURF 0.38D PG64-22*	1162
LEVELING & WEDGING PG64-22 (DEPTH VARIES)	--	LEVELING & WEDGING PG64-22*	175
ASPHALT MATERIAL FOR TACK NON-TRACKING	21120	ASPHALT MATERIAL FOR TACK NON-TRACKING	9
	LF		LF
EDGE KEY	168	EDGE KEY	168
SHOULDER PAVEMENT WIDENING WITH ASPHALT OVERLAY STA. 425+40 - 427+75			
PAVING AREAS		PAVING QUANTITIES	
ITEM	TOTAL	ITEM	TOTAL
	SQYD		TON
1.00" CL2 ASPH SURF 0.38D PG64-22	705	1.00" CL2 ASPH SURF 0.38D PG64-22*	39
4.00" CL2 ASPH BASE 1.00D PG64-22	106	4.00" CL2 ASPH BASE 1.00D PG64-22*	24
4.00" DGA	106	4.00" DGA**	25
DGA WEDGE	--	DGA WEDGE**	21
LEVELING & WEDGING PG64-22 (DEPTH VARIES)	--	LEVELING & WEDGING PG64-22*	4
ASPHALT SEAL AGGREGATE	--	ASPHALT SEAL AGGREGATE	5
ASPHALT SEAL COAT	--	ASPHALT SEAL COAT	0.6
ASPHALT MATERIAL FOR TACK NON-TRACKING	705	ASPHALT MATERIAL FOR TACK NON-TRACKING	0.3
	SQYD		SQYD
SHOULDER MILLING/TRENCHING	106	SHOULDER MILLING/TRENCHING	106
	LF		LF
EDGE KEY	52	EDGE KEY	52

BID ITEM	DESCRIPTION	UNIT	QUANTITY
1	DGA BASE	TON	752
100	APSHALT SEAL AGGREGATE	TON	83
103	ASPHALT SEAL COAT	TON	10
190	LEVELING & WEDGING PG64-22	TON	239
212	CL2 ASPH BASE 1.00D PG64-22	TON	384
301	CL2 ASPH SURF 0.38D PG64-22	TON	1786
2585	EDGE KEY	LF	246
20748ED	SHOULDER MILLING/TRENCHING	SQYD	1742
24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING	TON	13.8

* Estimated at 110 lbs. per SQ. YD. per inch of depth
** Estimated at 115 lbs. per SQ. YD. per inch of depth
These numbers are for estimate purposes only. Final locations and quantities will be determined by the Engineer in the field.

US 60 - CRITTENDEN COUNTY						
ITEM NO. 1-9023.00						
RUMBLE STRIP SUMMARY						
Begin Station	Begin Milepoint	Offset	End Station	End Milepoint	Offset	Length (LF)
Edgeline Rumble Strips						
263+00	4.981	11' LT	299+80	5.678	11' LT	3680
263+00	4.981	11' RT	299+80	5.678	11' RT	3680
299+80	5.678	10.5' LT	379+00	7.178	10.5' LT	7920
299+80	5.678	10.5' RT	379+00	7.178	10.5' RT	7920
425+40	8.057	11' LT	427+75	8.101	11' LT	235
425+40	8.057	11' RT	427+75	8.101	11' RT	235
Centerline Rumble Strips						
263+00	4.981	0'	299+80	5.678	0'	3680
425+40	8.057	0'	427+75	8.101	0'	235

<u>BID ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QUANTITY</u>
2697	EDGE LINE RUMBLE STRIPS	LF	23670
20458ES403	CENTERLINE RUMBLE STRIPS	LF	3915

These numbers are for estimate purposes only. Final locations and quantities will be determined by the Engineer in the field.
All quantities carried over to the General Summary.

US 60 - CRITTENDEN COUNTY ITEM NO. 1-9023.00 PAVEMENT STRIPING SUMMARY							
Begin Station	Begin Milepoint	Offset	End Station	End Milepoint	Offset	Description	Length (LF)
Striping - 6" White							
263+00	4.981	11' LT	299+80	5.678	11' LT	Edgeline	3680
263+00	4.981	11' RT	299+80	5.678	11' RT	Edgeline	3680
299+80	5.678	10.5' LT	379+00	7.178	10.5' LT	Edgeline	7920
299+80	5.678	10.5' RT	379+00	7.178	10.5' RT	Edgeline	7920
425+40	8.057	11' LT	427+75	8.101	11' LT	Edgeline	235
425+40	8.057	11' RT	427+75	8.101	11' RT	Edgeline	235
Striping - 6" Yellow							
263+00	4.981	0'	269+25	5.099	0'	Double Solid Yellow	1250
269+25	5.099	0'	276+60	5.239	0'	Solid/Dashed (passing EB)	919
276+60	5.239	0'	287+55	5.446	0'	Dashed	274
287+55	5.446	0'	295+00	5.587	0'	Solid/Dashed (passing WB)	932
295+00	5.587	0'	321+90	6.097	0'	Double Solid Yellow	5380
321+90	6.097	0'	329+85	6.247	0'	Solid/Dashed (passing EB)	994
329+85	6.247	0'	330+80	6.265	0'	Double Solid Yellow	190
330+80	6.265	0'	337+70	6.396	0'	Solid/Dashed (passing WB)	863
337+70	6.396	0'	352+90	6.684	0'	Double Solid Yellow	3040
352+90	6.684	0'	360+95	6.836	0'	Solid/Dashing (passing EB)	1007
360+95	6.836	0'	369+55	6.999	0'	Dashed	215
369+55	6.999	0'	376+70	7.134	0'	Solid/Dashed (passing WB)	894
376+70	7.134	0'	379+00	7.178	0'	Double Solid Yellow	460
425+40	8.057	0'	427+75	8.101	0'	Solid/Dashed (passing WB)	294

BID ITEM	DESCRIPTION	UNIT	QUANTITY
6515	PAVE STRIPING-PERM PAINT-6 IN	LF	40382

These numbers are for estimate purposes only. Final locations and quantities will be determined by the Engineer in the field.

All quantities carried over to the General Summary.

