



Andy Beshear
GOVERNOR

TRANSPORTATION CABINET
200 Mero Street
Frankfort, Kentucky 40601

Jim Gray
SECRETARY

June 23, 2025

CALL NO. 341
CONTRACT ID NO. 251900
ADDENDUM # 1

Subject: Barren County, FD06 005 0090 000-009
Letting June 26, 2025

- (1) Added - Special Note - Pages 33A-33E of 111
- (2) Revised - Proposal Bid Items - Pages 108-111 of 111
- (3) Revised - Plan Sheets: R2, R2A, R2B, R2E, R2H

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

SPECIAL NOTE FOR VOID REDUCING ASPHALT MEMBRANE

Description.

This specification covers the requirements and practices for applying a void reducing asphalt membrane (VRAM) underneath the longitudinal construction joint of a course of a hot-mix asphalt (HMA) pavement. The VRAM shall be applied beneath the intended area of the HMA pavement longitudinal construction joint prior to the installation of the HMA course. This work shall be done according to the Standard Specifications except as modified herein.

Materials.

The bituminous material used for the VRAM shall meet the requirements of the following table. Elastomers shall be added to a base asphalt and shall be either a styrene-butadiene diblock or triblock copolymer. In addition to the following table, the VRAM shall be suitable for construction traffic to cross within 30 minutes of placement without pickup or tracking.

TEST	TEST REQUIREMENT	TEST METHOD
Dynamic shear @ 88°C (unaged), G*/sin δ, kPa	1.00 min.	AASHTO T 315
Creep stiffness @ -18°C (unaged) Stiffness (S), MPa m-value	300 max. 0.300 min.	AASHTO T 313
Ash, %	1.0 - 4.0	AASHTO T 111
Elastic Recovery, 100 mm elongation, cut immed., 25°C, %	70 min.	ASTM D6084 method A
Separation of Polymer, difference in ring and ball, °C	3 max.	ASTM D7173

Equipment.

A pressure distributor shall be provided that is capable of applying the VRAM at the desired application rate. The distributor shall be equipped with a heating and recirculating system along with a functioning auger agitating system or vertical shaft mixer in the hauling tank to prevent localized overheating.

The contractor may use a melter kettle for transporting and/or application of the material that is capable of applying the VRAM at the desired application rate. The melter kettle shall be of an oil jacketed double-boiler type with agitating and recirculating systems. Material from the kettle may be dispensed through a pressure feed wand with an applicator shoe or spray bar.

Construction.

Prior to the application of the VRAM, ensure the area of the intended longitudinal asphalt pavement joint is thoroughly cleaned and free of debris. The area may be cleaned by sweeper/vacuum truck, power broom, air compressor or hand to the satisfaction of the Engineer. Ensure the existing surface is dry and free of moisture.

Milled surfaces may require the use of compressed air or vacuum sweeper to remove dust and fine materials from the area where VRAM will be applied. Final cleaning will be within 24 hours of the placement of VRAM and performed to the Engineer's approval.

The center of the VRAM application width shall be within 2" of the project established centerline or established lane edge. A stringline or paint mark shall be used as a guide for application in order to maintain a uniform edge alignment; if any other method is proposed; it shall meet the approval of the Engineer before being used.

When only one-half of the joint is exposed, such as a mill and inlay project, the application shall be applied at one-half the prescribed width and rate and shall be adjacent to the center of the joint, and the vertical face of the cold joint left in place shall also be coated.

The VRAM shall be applied to the existing surface prior to or following any or all tack coat applications. Tack coat may be placed over the VRAM at the Engineer's discretion. Should the tack coat application precede placement of the VRAM, the tack coat shall be fully cured.

The application rate of VRAM shall be determined from the Job Mix Formula (JMF) for the paving project. From the JMF, determine the Nominal Maximum Aggregate Size (NMAS) for the mixture. NMAS is defined as one sieve size larger than the first sieve to retain more than 10%. From the following table, determine if the mixture is defined as fine-graded or coarse-graded. After determining the mixture type, the application rate table may be referenced.

Definition of Fine and Coarse-Graded Mixtures*

Mixture NMAS	Coarse-Graded	Fine-Graded
19mm (3/4")	< 35% Passing 2.36mm (#8)	\geq 35% Passing 2.36mm (#8)
12.5mm (1/2")	< 40% Passing 2.36mm (#8)	\geq 40% Passing 2.36mm (#8)
9.5mm (3/8")	< 45% Passing 2.36mm (#8)	\geq 45% Passing 2.36mm (#8)

* HMA Pavement Mix Type Selection Guide

The VRAM, meeting the requirements specified herein, shall be applied to the existing surface at the width and target application rate as specified in the following table:

Experimental Control Section (required).

A control test section(s), where the VRAM is not applied, will be required for the Cabinet to monitor and evaluate the life cycle benefits. The location of the control section(s) will be designated by the Engineer. Properly document these locations (i.e. station/offset, latitude/longitude coordinates, mile points) and provide to the Engineer to submit to Central Office. Additionally, an analysis of joint density cores will be required. Contrary to Section 402.03.02.D, the Department will randomly locate and mark core locations after compaction is complete, however the Engineer will designate coring in areas where VRAM is not applied to compare to the joint density cores of where it is. The Department will compare the density of the cores that are taken to determine air voids, how much compaction effort to obtain joint density in these areas, and evaluate the overall performance of the product.

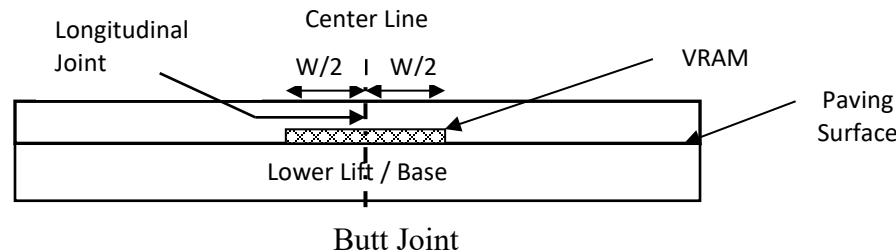
VRAM Application Table¹		
Coarse-Graded HMA Mixtures²		
Overlay Thickness, in	VRAM Width, in.	Application Rate, lb/ft
1	18	1.15
1 ¼	18	1.31
1 ½	18	1.47
1 ¾	18	1.63
≥ 2	18	1.80
Fine-Graded HMA Mixtures²		
Overlay Thickness, in	VRAM Width, in.	Application Rate, lb/ft
1	18	0.80
1 ¼	18	0.88
≥ 1 ½	18	0.95
SMA Mixtures/SuperPave 5 Mixtures²		
Overlay Thickness, in	VRAM Width, in.	Application Rate, lb/ft
1 ½	18	1.26
1 ¾	18	1.38
≥ 2	18	1.51

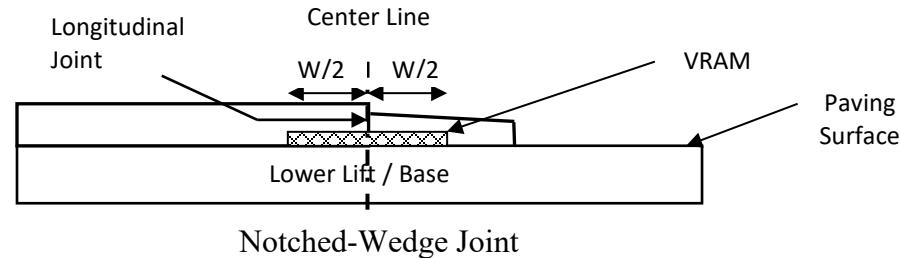
Notes.

1. Each application rate has a surface demand for liquid included in it. Therefore, taking a given rate and trying to factor it up to a different thickness will over predict the required amount of VRAM.
2. In the event of a joint between two different mixtures, the lower application rate will be used.

The VRAM application rate may be adjusted in the field at the discretion of the Engineer based on observations and performance.

Applications for a butt joint or a notch-wedge joint are shown below. Notched wedge and tapered joint geometries can vary; the VRAM width (W) is split in two at the notch or beginning of the taper. VRAM material wider than the wedge or taper is possible and acceptable.





The VRAM shall be applied in a single pass placed by any application method listed in the Equipment section. VRAM application temperature shall not exceed 330°F.

The VRAM shall be applied at a width of not less or greater than 1.5" of the width specified in the plans. If the VRAM is outside of that tolerance, stop and remedial action shall be taken subject to the Engineer's approval.

The VRAM shall be suitable for construction traffic to cross without pick up or tracking of the VRAM within 30 minutes of placement. If pick up or tracking occurs, placement of the VRAM will stop, and remedial action shall be taken subject to the Engineer's approval. If the width of the paving section is such that the construction equipment is continuously driving on the surface of the VRAM, a working water system will be used to prevent pick up (paver, material transfer vehicle, or pick up device). The water shall be applied in a mist or light spray to fully coat the track, tire, and bogey wheels, etc.

Prior to the start of paving of a pavement course, ensure the paver end plate and grade control device is adequately raised above the finished height of the VRAM.

If rain is forecasted and traffic is to be on the VRAM or if pickup/tracking of the VRAM material is likely, the VRAM shall be covered immediately following its application with fine aggregate mechanically spread uniformly at a rate of 1.5 ± 0.5 lb/sq yd (0.75 ± 0.25 kg/sq m). Fine aggregate landing outside of the VRAM shall be removed prior to application of tack coat.

The area 1.0 ft on either side of the longitudinal joint will be excluded from density measurement and pay adjustment.

The Agency will require a random sample of VRAM. One sample set consisting of two (2) one quart metal containers will be taken from a random haul tanker, distributor or melting kettle for every 25,000 gallons of material used on the project. Samples will be forwarded to the Agency for testing.

For projects requiring less than 25,000 gallon of VRAM, one sample set consisting of two (2) one quart metal containers shall be taken by random sampling and forwarded to the Agency.

Acceptance.

Provide a Bill of Lading to the Engineer for every tanker supplying material to the project.

The application rate of VRAM will be checked within the first 1,000 linear feet of the day's application length and every 12,000 linear feet the remainder of the day. For projects less than 12,000 feet, the rate will be checked twice. The rate will be checked by weight per foot. A suitable

paper or pan shall be placed at a random location in the path of the placement for the VRAM. After application of the VRAM, the paper or pan shall be picked up and weighed. The weight per foot will be calculated. The tolerance for the Plan target weight per foot from the VRAM Application Rate Table shall be $\pm 10\%$. The contractor shall be responsible for replacing the VRAM in the area where the application rate was checked.

Measurement.

The Department will measure the quantity of VRAM in linear feet. 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 the cleaning/surface preparation, or furnishing and placing the product. The Department will consider all such items incidental to the VRAM.

Payment.

Void Reducing Asphalt Membrane will be paid for at the contract unit price per linear foot for full width applications as VRAM (Item Code - 26255EC).

Void Reducing Asphalt Membrane placed half width will be paid for at the contract unit price per linear foot for half width applications as VRAM HALF WIDTH (Item Code - 26256EC).

Revision date: 06/02/25

251900

PROPOSAL BID ITEMS

Report Date 6/23/25

Page 1 of 4

251900**Section: 0001 - PAVING**

LINE	BID CODE	ALT DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0010	00003	CRUSHED STONE BASE	14,683.00	TON	\$		
0020	00020	TRAFFIC BOUND BASE	340.00	TON	\$		
0030	00078	CRUSHED AGGREGATE SIZE NO 2	19,421.00	TON	\$		
0040	00100	ASPHALT SEAL AGGREGATE	275.00	TON	\$		
0050	00103	ASPHALT SEAL COAT	33.00	TON	\$		
0060	00190	LEVELING & WEDGING PG64-22	1,360.00	TON	\$		
0070	00212	CL2 ASPH BASE 1.00D PG64-22	1,556.00	TON	\$		
0080	00214	CL3 ASPH BASE 1.00D PG64-22	4,837.00	TON	\$		
0090	00223	CL3 ASPH BASE 0.75D PG64-22	3,748.00	TON	\$		
0100	00301	CL2 ASPH SURF 0.38D PG64-22	1,841.00	TON	\$		
0110	00388	CL3 ASPH SURF 0.38B PG64-22	7,192.00	TON	\$		
0120	02602	FABRIC-GEOTEXTILE CLASS 1	28,434.00	SQYD	\$		
0130	02604	FABRIC-GEOTEXTILE CLASS 1A	34,002.00	SQYD	\$		
0140	02676	MOBILIZATION FOR MILL & TEXT	1.00	LS	\$		
0150	02677	ASPHALT PAVE MILLING & TEXTURING	802.00	TON	\$		
0160	20071EC	JOINT ADHESIVE	40,845.00	LF	\$		
0170	21289ED	LONGITUDINAL EDGE KEY	12,797.00	LF	\$		
0180	24970EC	ASPHALT MATERIAL FOR TACK NON-TRACKING	72.00	TON	\$		
0185	26255EC	VOID REDUCING ASPH MEMBRANE (ADDED 6-23-25)	81,825.00	LF	\$		

Section: 0002 - ROADWAY

LINE	BID CODE	ALT DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0190	01000	PERFORATED PIPE-4 IN	70.00	LF	\$		
0200	01010	NON-PERFORATED PIPE-4 IN	24.00	LF	\$		
0210	01028	PERF PIPE HEADWALL TY 3-4 IN	2.00	EACH	\$		
0220	01032	PERF PIPE HEADWALL TY 4-4 IN	1.00	EACH	\$		
0230	01891	ISLAND HEADER CURB TYPE 2	64.00	LF	\$		
0240	01987	DELINEATOR FOR GUARDRAIL BI DIRECTIONAL WHITE	206.00	EACH	\$		
0250	02014	BARRICADE-TYPE III	10.00	EACH	\$		
0260	02159	TEMP DITCH	6,136.00	LF	\$		
0270	02160	CLEAN TEMP DITCH	3,068.00	LF	\$		
0280	02200	ROADWAY EXCAVATION	30,601.00	CUYD	\$		
0290	02223	GRANULAR EMBANKMENT	1,112.00	CUYD	\$		
0300	02351	GUARDRAIL-STEEL W BEAM-S FACE	1,909.00	LF	\$		
0310	02360	GUARDRAIL TERMINAL SECTION NO 1	29.00	EACH	\$		
0320	02367	GUARDRAIL END TREATMENT TYPE 1	30.00	EACH	\$		
0330	02371	GUARDRAIL END TREATMENT TYPE 7	7.00	EACH	\$		
0340	02381	REMOVE GUARDRAIL	18,162.00	LF	\$		
0350	02429	RIGHT-OF-WAY MONUMENT TYPE 1	43.00	EACH	\$		
0360	02430	RIGHT-OF-WAY MONUMENT TYPE 1A	1.00	EACH	\$		

251900

PROPOSAL BID ITEMS

Report Date 6/23/25

Page 2 of 4

LINE	BID CODE	ALT DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0370	02432	WITNESS POST	37.00	EACH	\$		
0380	02483	CHANNEL LINING CLASS II	3,871.00	TON	\$		
0390	02484	CHANNEL LINING CLASS III	226.00	TON	\$		
		CLEARING AND GRUBBING (APPROXIMATELY 30 ACRES)	1.00	LS	\$		
0400	02545	TEMPORARY SIGNS	655.00	SQFT	\$		
		FABRIC-GEOTEXTILE CLASS 1 (DITCHES)	8,073.00	SQYD	\$		
0420	02602	FABRIC-GEOTEXTILE CLASS 2	1,667.00	SQYD	\$		
0440	02650	MAINTAIN & CONTROL TRAFFIC	1.00	LS	\$		
0450	02671	PORTABLE CHANGEABLE MESSAGE SIGN	4.00	EACH	\$		
0460	02690	SAFELOADING	5.60	CUYD	\$		
0470	02696	SHOULDER RUMBLE STRIPS	32,448.00	LF	\$		
0480	02701	TEMP SILT FENCE	6,136.00	LF	\$		
0490	02703	SILT TRAP TYPE A	30.00	EACH	\$		
0500	02704	SILT TRAP TYPE B	30.00	EACH	\$		
0510	02705	SILT TRAP TYPE C	30.00	EACH	\$		
0520	02706	CLEAN SILT TRAP TYPE A	30.00	EACH	\$		
0530	02707	CLEAN SILT TRAP TYPE B	30.00	EACH	\$		
0540	02708	CLEAN SILT TRAP TYPE C	30.00	EACH	\$		
0550	02726	STAKING	1.00	LS	\$		
0560	03269	TRIM & REMOVE TREES & BRUSH	10,980.00	LF	\$		
0570	05950	EROSION CONTROL BLANKET	3,195.00	SQYD	\$		
0580	05952	TEMP MULCH	96,280.00	SQYD	\$		
0590	05953	TEMP SEEDING AND PROTECTION	72,206.00	SQYD	\$		
0600	05963	INITIAL FERTILIZER	8.70	TON	\$		
0610	05964	MAINTENANCE FERTILIZER	5.20	TON	\$		
0620	05985	SEEDING AND PROTECTION	163,644.00	SQYD	\$		
0630	05992	AGRICULTURAL LIMESTONE	104.00	TON	\$		
0640	06510	PAVE STRIPING-TEMP PAINT-4 IN	121,625.00	LF	\$		
0650	06542	PAVE STRIPING-THERMO-6 IN W	49,607.00	LF	\$		
0660	06543	PAVE STRIPING-THERMO-6 IN Y	56,828.00	LF	\$		
0670	06547	PAVE STRIPING-THERMO-12 IN Y	56.00	LF	\$		
0680	06549	PAVE STRIPING-TEMP REM TAPE-B	3,280.00	LF	\$		
0690	06550	PAVE STRIPING-TEMP REM TAPE-W	2,275.00	LF	\$		
0700	06551	PAVE STRIPING-TEMP REM TAPE-Y	2,960.00	LF	\$		
0710	06565	PAVE MARKING-THERMO X-WALK-6 IN	258.00	LF	\$		
0720	06566	PAVE MARKING-THERMO X-WALK-12 IN	240.00	LF	\$		
0730	06568	PAVE MARKING-THERMO STOP BAR-24IN	99.00	LF	\$		
0740	06569	PAVE MARKING-THERMO CROSS-HATCH	2,811.00	SQFT	\$		
0750	06574	PAVE MARKING-THERMO CURV ARROW	39.00	EACH	\$		
0760	06578	PAVE MARKING-THERMO MERGE ARROW	12.00	EACH	\$		
0770	10020NS	FUEL ADJUSTMENT	28,214.00	DOLL \$1.00	\$	\$28,214.00	
0780	10030NS	ASPHALT ADJUSTMENT	80,280.00	DOLL \$1.00	\$	\$80,280.00	
0790	20191ED	OBJECT MARKER TY 3	30.00	EACH	\$		
		PAVE MARK-PAINT ARROWS (TEMP)	5.00	EACH	\$		
0800	20208NC	CENTERLINE RUMBLE STRIPS	12,397.00	LF	\$		
0820	21802EN	G/R STEEL W BEAM-S FACE (7 FT POST)	15,617.50	LF	\$		
0830	22664EN	WATER BLASTING EXISTING STRIPE	9,735.00	LF	\$		

251900

PROPOSAL BID ITEMS

Report Date 6/23/25

Page 3 of 4

LINE	BID CODE	ALT DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0840	23010EN	PAVE MARK TEMP PAINT STOP BAR-24 IN	69.00	LF	\$		
0850	24679ED	PAVE MARK THERMO CHEVRON	209.00	SQFT	\$		
0860	24814EC	PIPELINE INSPECTION	587.00	LF	\$		
0870	25078ED	THRIE BEAM GUARDRAIL TRANSITION TL-3	4.00	EACH	\$		
0880	26248EC	ELECTRONIC DELIVERY MGMT SYSTEM - AGG	1.00	LS	\$		

Section: 0003 - DRAINAGE

LINE	BID CODE	ALT DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
0890	00440	ENTRANCE PIPE-15 IN	583.00	LF	\$		
0900	00441	ENTRANCE PIPE-18 IN	106.00	LF	\$		
0910	00443	ENTRANCE PIPE-24 IN	40.00	LF	\$		
0920	00462	CULVERT PIPE-18 IN	32.00	LF	\$		
0930	00464	CULVERT PIPE-24 IN	143.00	LF	\$		
0940	00468	CULVERT PIPE-36 IN	70.00	LF	\$		
0950	01204	PIPE CULVERT HEADWALL-18 IN	1.00	EACH	\$		
0960	01208	PIPE CULVERT HEADWALL-24 IN	1.00	EACH	\$		
0970	01310	REMOVE PIPE	136.00	LF	\$		
0980	01370	METAL END SECTION TY 1-15 IN	18.00	EACH	\$		
0990	01371	METAL END SECTION TY 1-18 IN	2.00	EACH	\$		
1000	01373	METAL END SECTION TY 1-24 IN	2.00	EACH	\$		
1010	01391	METAL END SECTION TY 3-18 IN	1.00	EACH	\$		
1020	01393	METAL END SECTION TY 3-24 IN	6.00	EACH	\$		
1030	01395	METAL END SECTION TY 3-36 IN	3.00	EACH	\$		
1040	01413	METAL END SECTION TY 4-24 IN	1.00	EACH	\$		
1050	01451	S & F BOX INLET-OUTLET-24 IN	2.00	EACH	\$		
1060	01490	DROP BOX INLET TYPE 1	3.00	EACH	\$		
1070	01535	DROP BOX INLET TYPE 6F	1.00	EACH	\$		
1080	01718	REMOVE INLET	5.00	EACH	\$		
1090	02607	FABRIC-GEOTEXTILE CLASS 2 FOR PIPE	253.00	SQYD	\$2.00	\$	\$506.00
1100	02625	REMOVE HEADWALL	10.00	EACH	\$		
1110	08100	CONCRETE-CLASS A	16.20	CUYD	\$		
1120	21799EN	BORE AND JACK PIPE-24 IN	111.00	LF	\$		

Section: 0004 - BRIDGE - RCBC EXTENSION - DWG. 28971

LINE	BID CODE	ALT DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1130	02403	REMOVE CONCRETE MASONRY	0.60	CUYD	\$		
1140	08002	STRUCTURE EXCAV-SOLID ROCK	4.00	CUYD	\$		
1150	08003	FOUNDATION PREPARATION	1.00	LS	\$		
1160	08100	CONCRETE-CLASS A	30.00	CUYD	\$		
1170	08150	STEEL REINFORCEMENT	3,875.00	LB	\$		

Section: 0005 - SIGNING

251900

PROPOSAL BID ITEMS

Report Date 6/23/25

Page 4 of 4

LINE	BID CODE	ALT DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1180	06406	SBM ALUM SHEET SIGNS .080 IN	322.00	SQFT	\$		
1190	06407	SBM ALUM SHEET SIGNS .125 IN	40.00	SQFT	\$		
1200	06410	STEEL POST TYPE 1	561.00	LF	\$		
1210	06412	STEEL POST MILE MARKERS	2.00	EACH	\$		
1220	20418ED	REMOVE & RELOCATE SIGNS	4.00	EACH	\$		
1230	24631EC	BARCODE SIGN INVENTORY	54.00	EACH	\$		

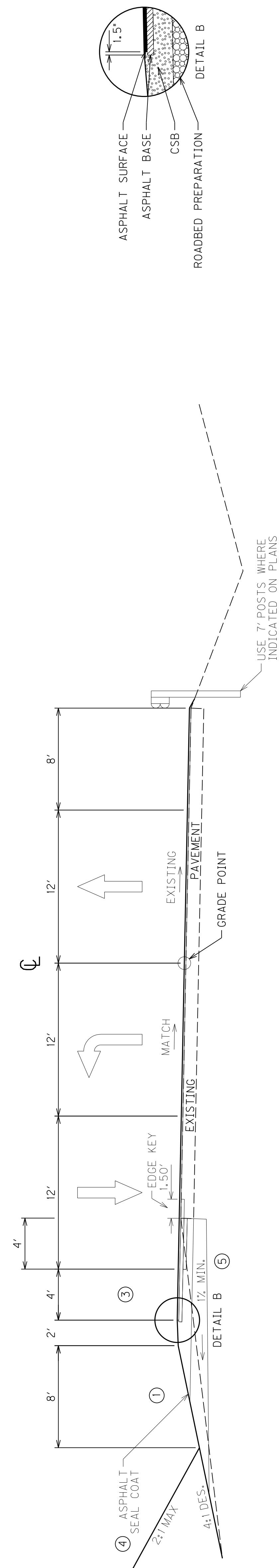
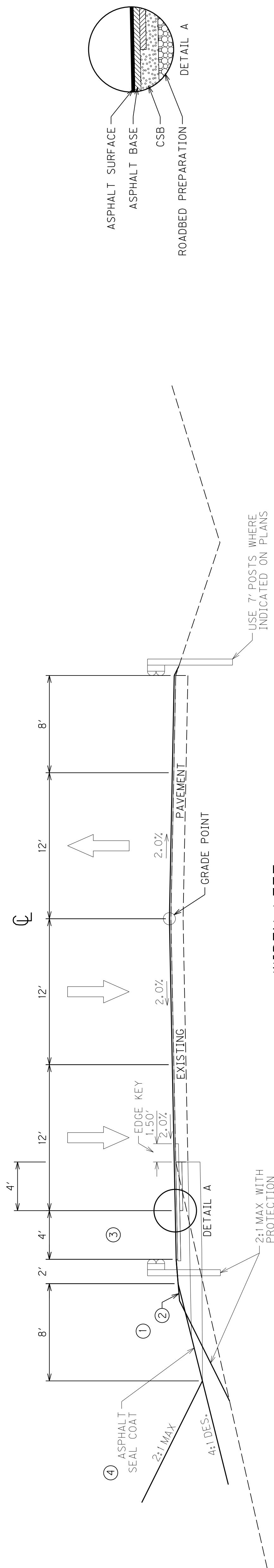
Section: 0006 - DEMOBILIZATION &/OR MOBILIZATION

LINE	BID CODE	ALT DESCRIPTION	QUANTITY	UNIT	UNIT PRIC	FP	AMOUNT
1240	02568	MOBILIZATION	1.00	LS	\$		
1250	02569	DEMOBILIZATION	1.00	LS	\$		

Typical Sections

REVISED: 06-23-2025

COUNTY OF	ITEM NO.	SHEET NO.
BARREN	03-8819.00	R2



Paving Schedule

MAINLINE DRIVING LANES - NEW CONSTRUCTION/WIDENING:

ASPHALT SURFACE	1.5" CL 3 ASPHALT SURF 0.38B PG 64-22
ASPHALT BASE	3" CL 3 ASPH BASE 1.00 PG 64-22 3" CL 3 ASPH BASE 1.00 PG 64-22
CSB BASE	6" CRUSHED STONE BASE
ROADBED PREPARATION	12" LAYER OF KY COARSE AGGREGATE #2'S WITH GEOTEXTILE FABRIC (CL IA UNDERLAY & CL I TOP)
SHOULDERS - NEW CONSTRUCTION/WIDENING:	

ASPHALT SURFACE	1.5" CL 2 ASPHALT SURF 0.38D PG 64-22
ASPHALT BASE	3" CL 2 ASPH BASE 1.00 PG 64-22
CSB BASE	9" CRUSHED STONE BASE & FULL-DEPTH WEDGE
ROADBED PREPARATION	SAME AS DRIVING LANES NOTED ABOVE

NOTES

① SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDER.

② SHOULDERS TO BE WIDENED 1.42 FEET WHERE GUARDRAIL IS TO BE INSTALLED.

③ SUPERELEVATED SHOULDERS, CONSTRUCT TO STANDARD SUPERELEVATION EXCEPT NOT FLATTER THAN SLOPES INDICATED FOR NORMAL SHOULDER SLOPES.

④ 2 DOWN SLOPE FROM SHOULDER BREAK IN CONSTR. SECTION 4 FOR SECTIONS SUPERELEVATED TO RIGHT SLOPE SUBGRADE A MIN. OF 1/4" TO OUTSIDE DITCH TO PROVIDE POSITIVE DRAINAGE OF AGGREGATE LATER. THE CRUSHED AGGREGATE NO. 2 LAYER WILL HAVE VARIABLE THICKNESS.

⑤ MILL & PAVEMENT AT TIE-INS AS NEEDED TO ALLOW PLACEMENT OF MIN. 1.5" ASPH SURFACE COURSE.

SEE PROFILE SHEETS FOR TAPERING OF OVERLAYS.
SEE SPECIAL NOTE FOR VRAM.

KENTUCKY HIGHWAY 90
WIDEN LEFT
TYPICAL SECTIONS

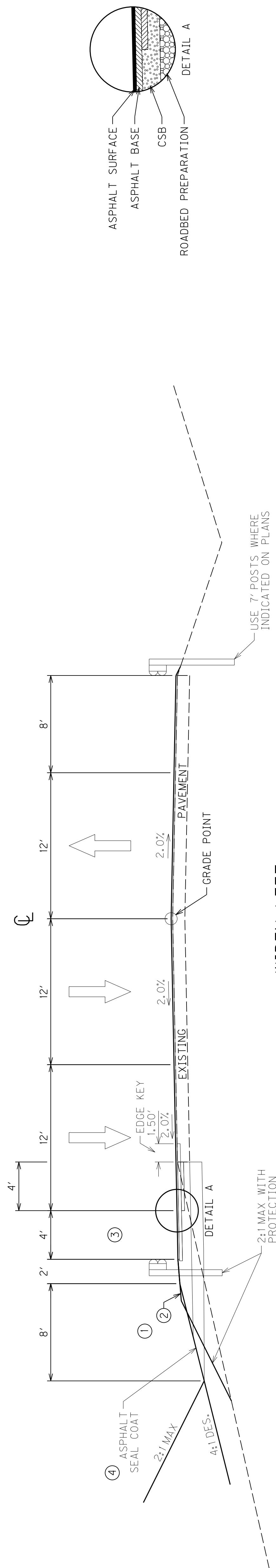
SCALE: 1"-5'

Typical Sections

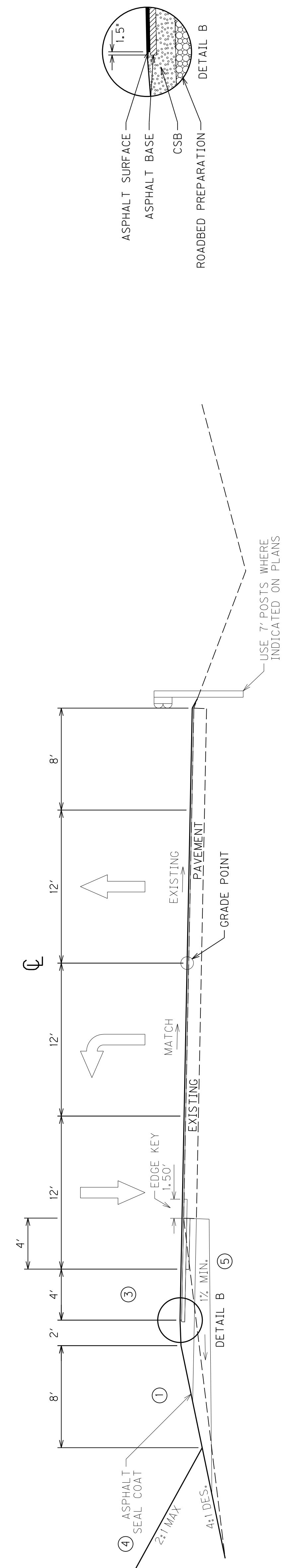
COUNTY OF	ITEM NO.	SHEET NO.
BARREN	03-8819.00	R2

REVISED: 06-23-2025

GRAPHIC SCALE IN FEET
0' 5' 10' 20'



KY HIGHWAY 90
(STA 208+50 TO STA 224+00, STA 229+00 TO STA 243+75, & STA 294+90 TO STA 318+10)



KY HIGHWAY 90
(STA 404+00 TO STA 427+00)

Paving Schedule

Mainline Driving Lanes - New Construction/Widening:

ASPHALT SURFACE	1.5" CL 3 ASPHALT SURF 0.38B PG 64-22
ASPHALT BASE	3" CL 3 ASPH BASE 1.00D PG64-22 3" CL 3 ASPH BASE 1.00D PG64-22
CSB BASE	6" CRUSHED STONE BASE
ROADBED PREPARATION	12" LAYER OF KY COARSE AGGREGATE #2'S WITH GEOTEXTILE FABRIC (CL IA UNDERLAY & CL I TOP)
SHOULDERS - NEW CONSTRUCTION/WIDENING:	

ASPHALT SURFACE	1.5" CL 2 ASPHALT SURF 0.38D PG 64-22
ASPHALT BASE	3" CL 2 ASPH BASE 1.00D PG64-22
CSB BASE	9" CRUSHED STONE BASE & FULL-DEPTH WEDGE
ROADBED PREPARATION	SAME AS DRIVING LANES NOTED ABOVE

NOTES

- ① SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDER.
- ② SHOULDERS TO BE WIDENED 1.42 FEET WHERE GUARDRAIL IS TO BE INSTALLED.
- ③ SUPERELEVATED SHOULDERS, CONSTRUCT TO STANDARD SUPERELEVATION, EXCEPT NOT FLATTER THAN SLOPES INDICATED FOR NORMAL SHOULDER SLOPES.
- ④ 2 DOWN SLOPE FROM SHOULDER BREAK IN CONST. SECTION 4 FOR SECTIONS SUPERELEVATED TO RIGHT SLOPE SUBGRADE A MIN. OF 1% TO OUTSIDE DITCH TO PROVIDE POSITIVE DRAINAGE OF AGGREGATE LATER. THE CRUSHED AGGREGATE NO. 2 LAYER WILL HAVE VARIABLE THICKNESS.
- ⑤ MILL & PAVEMENT AT TIE-INS AS NEEDED TO ALLOW PLACEMENT OF MIN. 1.5" ASPH SURFACE COURSE.

SEE PROFILE SHEETS FOR TAPERING OF OVERLAYS.
SEE SPECIAL NOTE FOR VRAM.

KENTUCKY HIGHWAY 90
WIDEN LEFT
TYPICAL SECTIONS

SCALE: 1"-5'

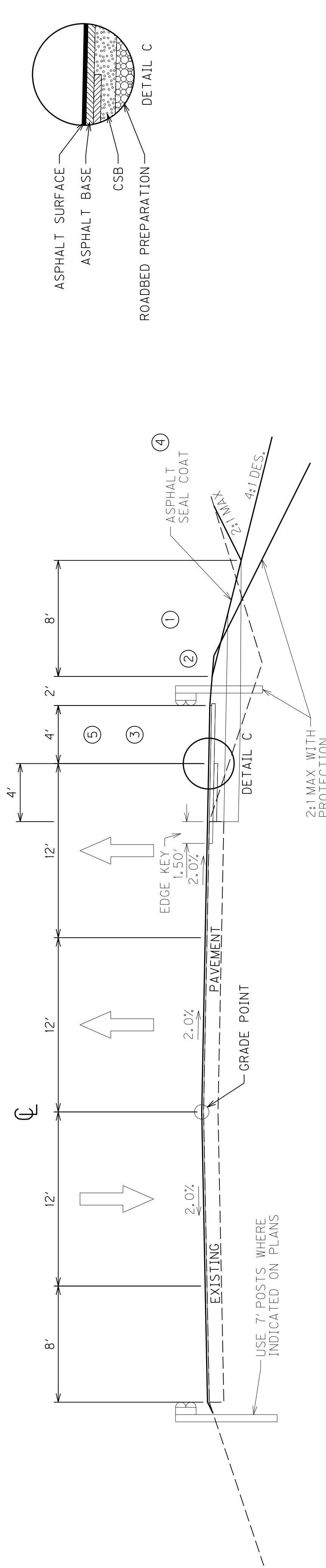
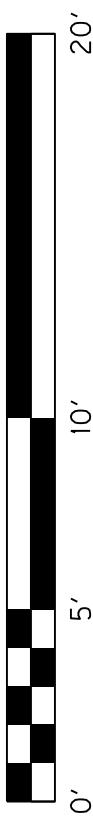
Typical Sections

REVISED: 06-23-2025

COUNTY OF	ITEM NO.	SHEET NO.
BARREN	03-8819.00	R2A

FILE NAME: W18100-BARRENT-COUNTY-KY-90-2+1-PHASE202-TYP-SUMSHTR002A0TS-MUDGINTS-MU.DGN
DATE PLOTTED: June 24, 2025 025
USER ID: bumblebee
E-SHEET NAME: 01-0045459
MC Metrics Software v3.0.1.0
FILE NAME: W18100-BARRENT-COUNTY-KY-90-2+1-PHASE202-TYP-SUMSHTR002A0TS-MUDGINTS-MU.DGN
DATE PLOTTED: June 24, 2025 025
USER ID: bumblebee
E-SHEET NAME: 01-0045459
MC Metrics Software v3.0.1.0

GRAPHIC SCALE IN FEET



KY HIGHWAY 90

(STA 257+40 TO STA 309+65)

WIDEN RIGHT

MAINLINE DRIVING LANES - NEW CONSTRUCTION/WIDENING:

ASPHALT SURFACE	1.5" CL3 ASPHALT SURF 0.38B PG 64-22
ASPHALT BASE	3" CL3 ASPH BASE 1.00D PG64-22 3" CL3 ASPH BASE 1.00D PG64-22
CSB BASE	6" CRUSHED STONE BASE
ROADBED PREPARATION	12" LAYER OF KY COARSE AGGREGATE #2'S WITH GEOTEXTILE FABRIC (CL IA UNDERLAY & CL I TOP)
SHOULDERS - NEW CONSTRUCTION/WIDENING:	EXISTING PAVEMENT OVERLAY:
ASPHALT SURFACE	1.5" CL2 ASPHALT SURF 0.38D PG 64-22
ASPHALT BASE	3" CL2 ASPH BASE 1.00D PG64-22
CSB BASE	9" CRUSHED STONE BASE & FULL-DEPTH WEDGE
ROADBED PREPARATION	SAME AS DRIVING LANES NOTED ABOVE

- ① SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDER.
- ② SHOULDERS TO BE WIDENED 1.42 FEET WHERE GUARDRAIL IS TO BE INSTALLED.
- ③ SUPERELEVATED SHOULDERS, CONSTRUCT TO STANDARD SUPERELEVATION EXCEPT NOT FLATTER THAN SLOPES INDICATED FOR NORMAL SHOULDER SLOPES.
- ④ 2% DOWN SLOPE FROM SHOULDER BREAK
- ⑤ RT SHOULDER STAS 303+00-309+60 CONSTRUCT ADDITIONAL 3" LAYER OF ASPHALT BASE (TOTAL OF 6") FOR NOT PURPOSES.

NOTE: PLACE ASPH LEVELING/WEDGING IF NEEDED FOR TEMPLATE CORRECTION.
MILL EX. PAVEMENT AT TIE-INS AS NEEDED TO ALLOW PLACEMENT OF MIN. 1.5"
ASPH SURFACE COURSE.
SEE SPECIAL NOTE FOR VRAM.

SCALE: 1"-5'

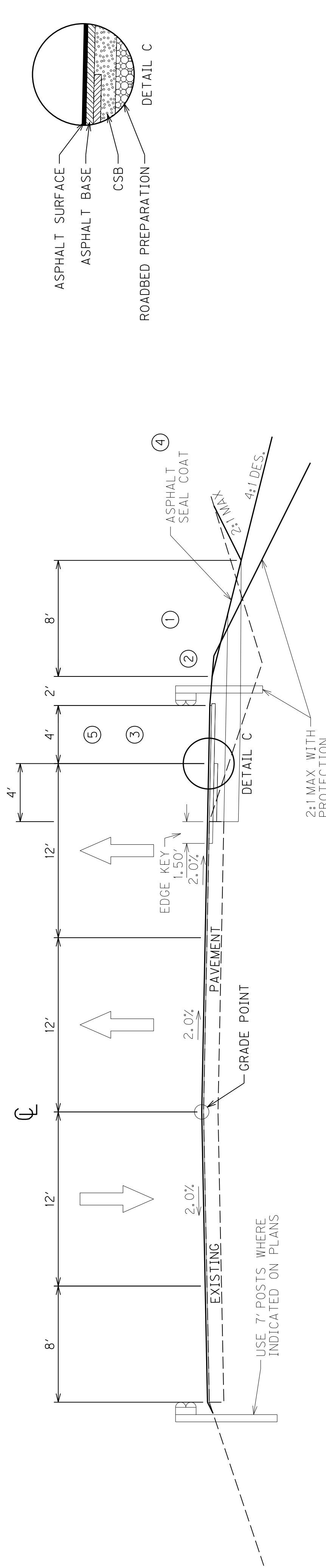
KENTUCKY HIGHWAY 90
WIDEN RIGHT
TYPICAL SECTIONS

Typical Sections

REVISED: 06-23-2025

COUNTY OF	ITEM NO.	SHEET NO.
BARREN	03-8819.00	R2A

GRAPHIC SCALE IN FEET



WIDEN RIGHT

KY HIGHWAY 90
(STA 257+40 TO STA 309+65)

PAVING SCHEDULE

MAINLINE DRIVING LANES - NEW CONSTRUCTION/WIDENING:

ASPHALT SURFACE	1.5" CL3 ASPHALT SURF 0.38B PG 64-22
ASPHALT BASE	3" CL3 ASPH BASE 1.00 PG64-22 3" CL3 ASPH BASE 1.00 PG64-22
CSB BASE	6" CRUSHED STONE BASE
ROADBED PREPARATION	12" LAYER OF KY COARSE AGGREGATE #2'S WITH GEOTEXTILE FABRIC (CL IA UNDERLAY & CL I TOP)
SHOULDERS - NEW CONSTRUCTION/WIDENING:	EXISTING PAVEMENT OVERLAY:

ASPHALT SURFACE	1.5" CL2 ASPHALT SURF 0.38D PG 64-22
ASPHALT BASE	3" CL2 ASPH BASE 1.00 PG64-22
CSB BASE	9" CRUSHED STONE BASE & FULL-DEPTH WEDGE
ROADBED PREPARATION	SAME AS DRIVING LANES NOTED ABOVE

FILE NAME: W18100-BARRENT COUNTY KY 90-2+PHASE202-TYP-SUMSHTR002ADTS-MUDGINTSMU.DGN
DATE PLOTTED: June 24, 2025 025
USER ID: bumblebee
E-SHEET NAME: E-SHEET 45459
MC Metrics Software v3.0.1.65459

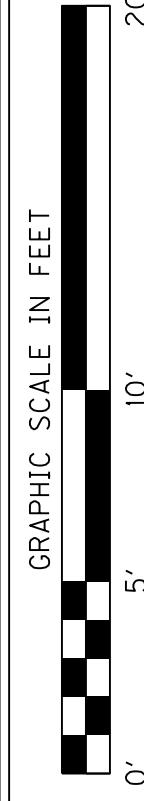
NOTE: PLACE ASPH LEVELING/WEDGING IF NEEDED FOR TEMPLATE CORRECTION.
MILL EX. PAVEMENT AT TIE-INS AS NEEDED TO ALLOW PLACEMENT OF MIN. 1.5'
ASPH SURFACE COURSE.
SEE SPECIAL NOTE FOR VRAM.

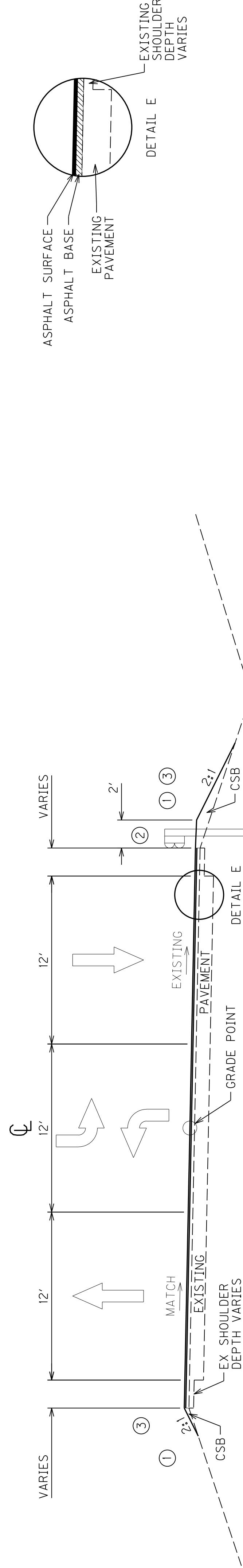
- NOTES
- ① SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDER.
 - ② SHOULDERS TO BE WIDENED 1.42 FEET WHERE GUARDRAIL IS TO BE INSTALLED.
 - ③ SUPERELEVATED SHOULDERS, CONSTRUCT TO STANDARD SUPERELEVATION EXCEPT NOT FLATTER THAN SLOPES INDICATED FOR NORMAL SHOULDER SLOPES.
 - ④ 2' DOWN SLOPE FROM SHOULDER BREAK.
 - ⑤ RT SHOULDER STAS 303+00-309+60 CONSTRUCT ADDITIONAL 3" LAYER OF ASPHALT BASE (TOTAL OF 6") FOR NOT PURPOSES.

SCALE: 1"-5'

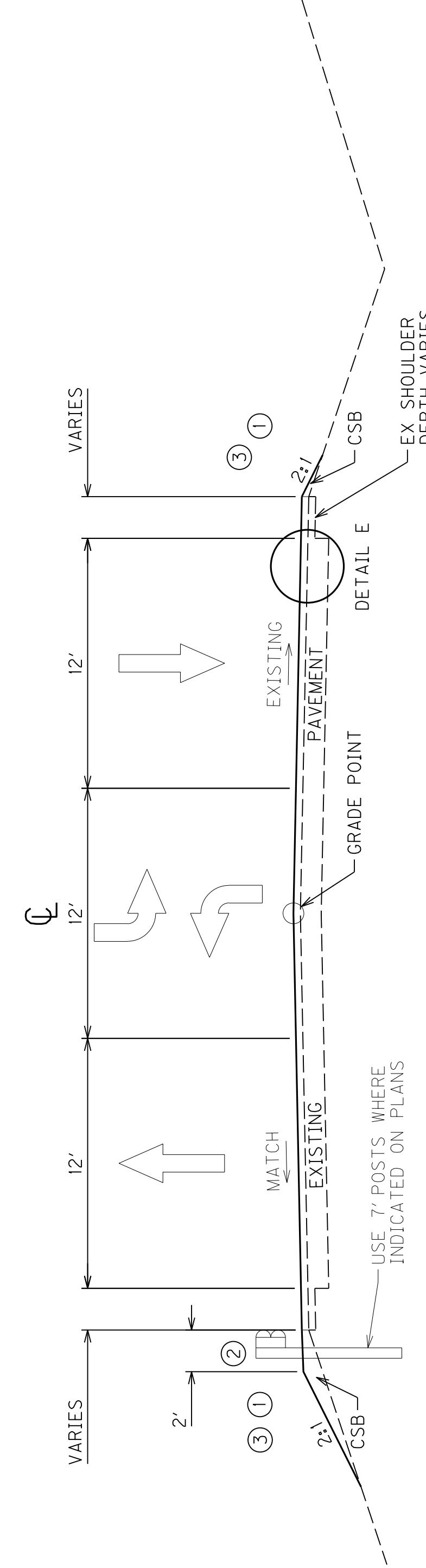
KENTUCKY HIGHWAY 90
WIDEN RIGHT
TYPICAL SECTIONS

Typical Sections

Graphic Scale in Feet




KY HIGHWAY 90
SUPERELEVATED TWTL OVERLAY SECTION



KY HIGHWAY 90
TWTL OVERLAY SECTION

MAINLINE PAVING SCHEDULE SECTION 5)

ASPHALT SURFACE	1.5' CL3 ASPHALT SURF 0.38B PG 64-22
ASPHALT BASE	2.5' CL3 ASPH BASE 0.75D PG64-22
SHOULDER WEDGE	VARIABLE DEPTH CRUSHED STONE BASE

NOTE: PLACE ASPH LEVELING/WEDGING WHERE NECESSARY FOR TEMPLATE CONSTRUCTION TO PROPOSED GRADES & X-SLOPES AS SHOWN IN CROSS SECTIONS. MILL EX. PAVEMENT AT TIE-INS AS NEEDED TO ALLOW PLACEMENT OF THE FINAL 1.5' ASPH SURFACE COURSE.

SEE SPECIAL NOTE FOR VRAM.

- NOTES
 SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDER.
 ① SHOULDERS TO BE WIDENED 2 FEET WHERE GUARDRAIL IS TO BE INSTALLED. 7' POSTS REQUIRED.
 ② APPLY ASPHALT SEAL COAT (DOUBLE LAYER) A MIN. OF 2' DOWN SLOPE FROM SHOULDER BREAK.

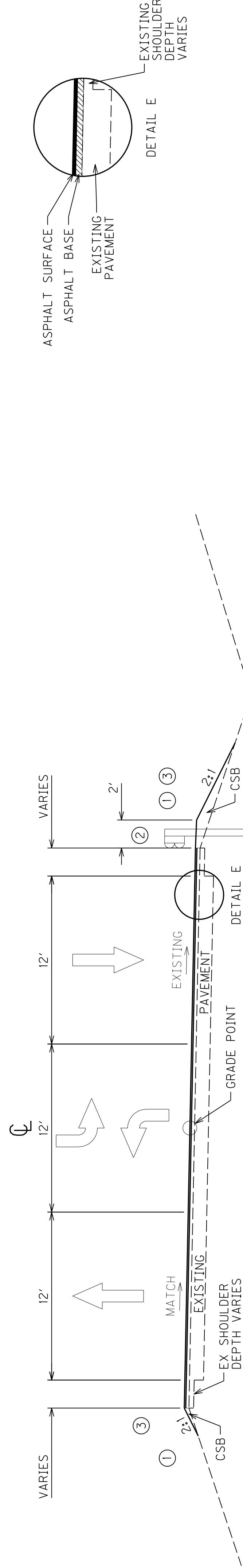
FILE NAME: W118100-BARRETT-COUNTY-KY-90-2+1-PHASE202-TYR-SUMSHTR0026TS-MUDGNTS-MU.DGN
 DATE PLOTTED: June 24, 2025 2025
 SHEET NUMBER: 5
 USE SHEET NUMBER: 5
 E-SHEET NAME: E-SHEET NUMBER: 5
 MTC MetricsStation v6.21.9.459459

SCALE: 1'=5'

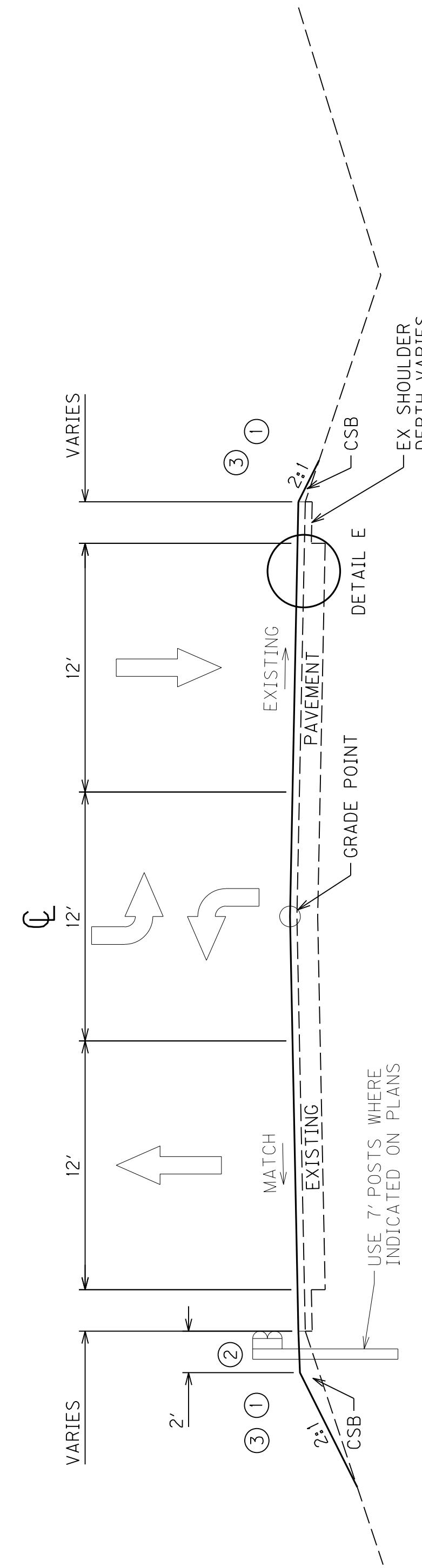
KENTUCKY HIGHWAY 90
TWTL OVERLAY SECTION
TYPICAL SECTIONS

Typical Sections

GRAPHIC SCALE IN FEET

KY HIGHWAY 90
SUPERELEVATED TWTL OVERLAY SECTION



KY HIGHWAY 90
TWTL OVERLAY SECTION

MAINLINE PAVING SCHEDULE SECTION 5)

ASPHALT SURFACE	1.5' CL3 ASPHALT SURF 0.38B PG 64-22
ASPHALT BASE	2.5' CL3 ASPH BASE 0.75D PG64-22
SHOULDER WEDGE	VARIABLE DEPTH CRUSHED STONE BASE

NOTE: PLACE ASPH LEVELING/WEDGING WHERE NECESSARY FOR TEMPLATE CONSTRUCTION TO PROPOSED GRADES & X-SLOPES AS SHOWN IN CROSS SECTIONS. MILL EX. PAVEMENT AT TIE-INS AS NEEDED TO ALLOW PLACEMENT OF THE FINAL 1.5' ASPH SURFACE COURSE.

SEE SPECIAL NOTE FOR VRAM.

NOTES
 SEE CROSS SECTIONS FOR SLOPES OUTSIDE THE LIMITS OF THE SHOULDER.
 ① SHOULDERS TO BE WIDENED 2 FEET WHERE GUARDRAIL IS TO BE INSTALLED. 7' POSTS REQUIRED.
 ② APPLY ASPHALT SEAL COAT (DOUBLE LAYER) A MIN. OF 2' DOWN SLOPE FROM SHOULDER BREAK.

R2B

REVISED: 06-23-2025

PAVING SUMMARY

ALL ASPHALT MIXTURES SHALL BE ESTIMATED AT 110 LBS. PER CU. YD. PER INCH OF DEPTH, UNLESS NOTED OTHERWISE.

⑤ ESTIMATED AT 2.4 LBS. PER SO. YD. INCIDES BASE AREA FOR LONGITUDINAL (TWO APPLICATIONS).

⑥ ESTIMATED AT 3960 LBS. PER CU. YD. INCIDES 185 TONS FOR MAINTENANCE OR 110 LBS. /SY/INCH OF DEPTH.

⑦ ESTIMATED AT 0.70 LBS. PER SO. YD. INCIDES ADDITIONAL 3" COURSE OF BASE ON RT SHLD. STAS. 303+00-309+60

⑧ ESTIMATED AT 100 LBS. PER SO. YD. FOR MOT.

⑨ ESTIMATED BASE AREA FOR EDGE KEYS (3" LAYER, 1.5" WIDTH). INCIDES BASE AREA FOR LONGITUDINAL (TWO APPLICATIONS).

⑩ ESTIMATED 185 TONS FOR MAINTENANCE OF ENTRENANCES.

⑪ ESTIMATED ADDITIONAL 3" COURSE OF BASE FOR MOT.

⑫ AREA OF EX. SHOULDER SURFACE FOR MUL & INLAY OF RUMBLE STRIP FOR MUL & INLAY OF RUMBLE STRIP FOR MOT PURPOSES.

⑬ TOP OF #2 ACGR. LAYER (EDGE KEYS).

⑭ UNDERLAY #2 ACGR. LAYER OF ENTRENANCES.

⑮ INCLUDES 3 TONS FOR PER PIPE OUTLETS ON RT SHLD. STAS. 303+00-309+60

⑯ INCLUDES QUANTITY FOR TAPESTRY & TRANSVERSE EDGE KEYS.

⑰ INCLUDES QUANTITY FOR TAPESTRY & TRANSVERSE EDGE KEYS.

⑱ PER CUBIC YARD. ESTIMATED AT 3600 LBS. PER CU. YD. OF VOLUME.

⑲ PER CUBIC YARD. ESTIMATED AT 20 LBS. PER SQ. YD. TWO APPLICATIONS).

NOTES

ITEM	TOTAL PROJECT	MAINLINE:								
		MOT	SECTION 1	SECTION 2	SECTION 3	SECTION 4	SECTION 5	A R E U Q S	Y A R D S	MAINLINE:
1.50" CL3 ASPHALT SURFACE 0.38B PG64-22	8,148	8,382	31,400	9,045	31,035					88,010
1.50" CL2 ASPHALT SURFACE 0.38D PG64-22 (SHOULDERS)	3,027	1,353	6,976	2,861						14,217
3.00 CL2 ASPHALT BASE 1.00D PG64-22 (SHOULDERS)	933	676	3,386	1,056						6,394
3.00 CL3 ASPHALT BASE 1.00D PG64-22	1,664	1,475	9,753	2,796						15,688
2.50" CL3 ASPHALT BASE 0.75D PG64-22 (STRUCTURAL OVERLAY)	1,461	1,270	8,417	2,477						13,625
2.50" CL2 ASPHALT BASE 0.75D PG64-22 (STRUCTURAL OVERLAY)	1,461	1,270	8,417	2,477						27,258
3.00 CL3 ASPHALT BASE 1.00D PG64-22	1,664	1,475	9,753	2,796						13,625
3.00 CL2 ASPHALT BASE 1.00D PG64-22 (SHOULDERS)	11	933	676	3,386	1,056					14,217
1.50" CL2 ASPHALT SURFACE 0.38B PG64-22 (SHOULDERS)	1,461	1,270	8,417	2,477						88,010
1.50" CL2 ASPHALT SURFACE 0.38D PG64-22 (SHOULDERS)	8,148	8,382	31,400	9,045	31,035					88,010
2.50" CL3 ASPHALT BASE 0.75D PG64-22 (STRUCTURAL OVERLAY)	1,461	1,270	8,417	2,477						13,625
3.00 CL3 ASPHALT BASE 1.00D PG64-22	1,664	1,475	9,753	2,796						15,688
3.00 CL2 ASPHALT BASE 1.00D PG64-22 (SHOULDERS)	11	933	676	3,386	1,056					14,217
1.50" CL2 ASPHALT SURFACE 0.38B PG64-22	8,148	8,382	31,400	9,045	31,035					88,010
1.50" CL2 ASPHALT SURFACE 0.38D PG64-22 (SHOULDERS)	3,027	1,353	6,976	2,861						14,217
3.00 CL2 ASPHALT BASE 1.00D PG64-22	933	676	3,386	1,056						6,394
3.00 CL3 ASPHALT BASE 1.00D PG64-22	1,664	1,475	9,753	2,796						15,688
2.50" CL3 ASPHALT BASE 0.75D PG64-22 (STRUCTURAL OVERLAY)	1,461	1,270	8,417	2,477						13,625
2.50" CL2 ASPHALT BASE 0.75D PG64-22 (STRUCTURAL OVERLAY)	1,461	1,270	8,417	2,477						27,258
9.00" CRUSHED STONE BASE	933	676	3,386	1,056						6,051
FULL-DEPTH CRUSHED STONE BASE SHLD.R./WEDGE (VOLUME - CU YDS)	217	274	1,324	304	755					2,874
VARIABLE DEPTH LEVELING & WEDGING PG64-22 (VOLUME - CU YDS)	18	19	55	16	504					612
VARIABLE DEPTH LEVELING & PAVING PG64-22 (VOLUME - CU YDS)	19	19	55	16	504					199
FULL-DEPTH CRUSHED STONE BASE SHLD.R./WEDGE (VOLUME - CU YDS)	34									34
VARIABLE DEPTH LEVELING & WEDGING PG64-22 (VOLUME - CU YDS)	6	6	1	1	10					10
VARIABLE DEPTH LEVELING & PAVING PG64-22 (VOLUME - CU YDS)	6	6	1	1	1					11
6.00" CRUSHED STONE BASE	95		398	407						502
9.00" CRUSHED STONE BASE	95		390	401						493
3.00" CL2 ASPHALT BASE 1.00D PG64-22	9	201								591
3.00" CL2 ASPHALT BASE 1.00D PG64-22	9	201								591
1.50" CL2 ASPHALT SURFACE 0.38D PG64-22	388	95	408	49	412					1,352
APPROACH ROADS:										
1.50" CL2 ASPHALT SURFACE 0.38D PG64-22	388	95	408	49	412					1,352
3.00" CL2 ASPHALT BASE 1.00D PG64-22	9	201								591
3.00" CL2 ASPHALT BASE 1.00D PG64-22	9	201								591
1.50" CL2 ASPHALT SURFACE 0.38D PG64-22	388	95	408	49	412					1,352
APPROACH ROADS:										
9.00" CRUSHED STONE BASE	933	676	3,386	1,056						6,051
FULL-DEPTH CRUSHED STONE BASE SHLD.R./WEDGE (VOLUME - CU YDS)	217	274	1,324	304	755					2,874
VARIABLE DEPTH LEVELING & PAVING PG64-22 (VOLUME - CU YDS)	18	19	55	16	504					612
VARIABLE DEPTH LEVELING & WEDGING PG64-22 (VOLUME - CU YDS)	19	19	55	16	504					199
FULL-DEPTH CRUSHED STONE BASE SHLD.R./WEDGE (VOLUME - CU YDS)	34									34
VARIABLE DEPTH LEVELING & WEDGING PG64-22 (VOLUME - CU YDS)	6	6	1	1	10					10
VARIABLE DEPTH LEVELING & PAVING PG64-22 (VOLUME - CU YDS)	6	6	1	1	1					11
6.00" CRUSHED STONE BASE	95		398	407						502
9.00" CRUSHED STONE BASE	95		390	401						493
3.00" CL2 ASPHALT BASE 1.00D PG64-22	9	201								591
3.00" CL2 ASPHALT BASE 1.00D PG64-22	9	201								591
1.50" CL2 ASPHALT SURFACE 0.38D PG64-22	388	95	408	49	412					1,352
APPROACH ROADS:										
9.00" CRUSHED STONE BASE	933	676	3,386	1,056						6,051
FULL-DEPTH CRUSHED STONE BASE SHLD.R./WEDGE (VOLUME - CU YDS)	217	274	1,324	304	755					2,874
VARIABLE DEPTH LEVELING & PAVING PG64-22 (VOLUME - CU YDS)	18	19	55	16	504					612
VARIABLE DEPTH LEVELING & WEDGING PG64-22 (VOLUME - CU YDS)	19	19	55	16	504					199
FULL-DEPTH CRUSHED STONE BASE SHLD.R./WEDGE (VOLUME - CU YDS)	34									34
VARIABLE DEPTH LEVELING & WEDGING PG64-22 (VOLUME - CU YDS)	6	6	1	1	10					10
VARIABLE DEPTH LEVELING & PAVING PG64-22 (VOLUME - CU YDS)	6	6	1	1	1					11
6.00" CRUSHED STONE BASE	95		398	407						502
9.00" CRUSHED STONE BASE	95		390	401						493
3.00" CL2 ASPHALT BASE 1.00D PG64-22	9	201								591
3.00" CL2 ASPHALT BASE 1.00D PG64-22	9	201								591
1.50" CL2 ASPHALT SURFACE 0.38D PG64-22	388	95	408	49	412					1,352
APPROACH ROADS:										
9.00" CRUSHED STONE BASE	933	676	3,386	1,056						6,051
FULL-DEPTH CRUSHED STONE BASE SHLD.R./WEDGE (VOLUME - CU YDS)	217	274	1,324	304	755					2,874
VARIABLE DEPTH LEVELING & PAVING PG64-22 (VOLUME - CU YDS)	18	19	55	16	504					612
VARIABLE DEPTH LEVELING & WEDGING PG64-22 (VOLUME - CU YDS)	19	19	55	16	504					199
FULL-DEPTH CRUSHED STONE BASE SHLD.R./WEDGE (VOLUME - CU YDS)	34									34
VARIABLE DEPTH LEVELING & WEDGING PG64-22 (VOLUME - CU YDS)	6	6	1	1	10					10
VARIABLE DEPTH LEVELING & PAVING PG64-22 (VOLUME - CU YDS)	6	6	1	1	1					11
6.00" CRUSHED STONE BASE	95		398	407						502
9.00" CRUSHED STONE BASE	95		390	401						493
3.00" CL2 ASPHALT BASE 1.00D PG64-22	9	201								591
3.00" CL2 ASPHALT BASE 1.00D PG64-22	9	201								591
1.50" CL2 ASPHALT SURFACE 0.38D PG64-22	388	95	408	49	412					1,352
APPROACH ROADS:										
9.00" CRUSHED STONE BASE	933	676	3,386	1,056						6,051
FULL-DEPTH CRUSHED STONE BASE SHLD.R./WEDGE (VOLUME - CU YDS)	217	274	1,324	304	755					2,874
VARIABLE DEPTH LEVELING & PAVING PG64-22 (VOLUME - CU YDS)	18	19	55	16	504					612
VARIABLE DEPTH LEVELING & WEDGING PG64-22 (VOLUME - CU YDS)	19	19	55	16	504					199
FULL-DEPTH CRUSHED STONE BASE SHLD.R./WEDGE (VOLUME - CU YDS)	34									34
VARIABLE DEPTH LEVELING & WEDGING PG64-22 (VOLUME - CU YDS)	6	6	1	1	10					10
VARIABLE DEPTH LEVELING & PAVING PG64-22 (VOLUME - CU YDS)	6	6</td								

PAVING AREAS

COUNTY OF	ITEM NO.	SHEET NO.
BARREN	03-889.00	R2E

REVISED: 06-23-2025

ITEM	CODE	TOTAL PROJECT	MISC	MOT	MAINLINE	UNIT	PAVING SUMMARY	
							TON	TON
3. CUSHED STONE BASE	① ②	TON	14,683					
20. TRAFFIC BOUND BASE	① ⑩	TON	155				14,683	
78. CRUSHED AGGREGATE SIZE NO. 2	① ⑫	TON	19,418				340	
100. ASPHALT SEAL AGGREGATE	④ ⑮	TON	155				19,421	
103. ASPHALT SEAL COAT	⑤	TON	275				275	
214. CL3 ASPHALT BASE 1.00D PG64-22	⑥	TON	1,499				1,556	
212. CL2 ASPHALT BASE 1.00D PG64-22	⑥	TON	1,360				1,360	
190. LEVELING & WEDGING PG64-22	⑤	TON	33				33	
301. CL3 ASPHALT BASE 0.75D PG64-22	⑦	TON	4,837				4,837	
388. CL3 ASPHALT SURFACE 0.38D PG64-22	⑧	TON	7,192				7,192	
24970EC. ASPHALT MATERIAL FOR TACK NON-TRACKING	⑨	TON	1,527				1,527	
380. CL3 ASPHALT SURFACE 0.38B PG64-22	⑩	TON	70				72	
2604. FABRIC-GEOTEXTILE CLASS 1A	⑪ ⑬	SODY	34,002				34,002	
2604. MOBILIZATION FOR MILLING & TEXTURING	⑭	TON	1				1	
2007EC. JOINT ADHESIVE	⑯	TON	40,845				40,845	
21289ED. LONGITUDINAL EDGE KEY	⑰	LF	12,797				12,797	
26255EC. VRAM	⑲	LF	81,825				81,825	

TOTAL PROJECT	MOT	PAVING AREAS									
		S	O	U	A	R	E	Y	A	R	D
MAINLINE:		SECTION 5	SECTION 4	SECTION 3	SECTION 2	SECTION 1					
1.50. CL3 ASPHALT SURFACE 0.38B PG64-22	8,148	8,382	31,400	9,045	31,035						
1.50. CL2 ASPHALT BASE 1.00D PG64-22 (SHOULDER)	3,027	1,353	6,976	2,861							
3.00. CL2 ASPHALT BASE 1.00D PG64-22 (SHOULDER)	933	676	3,386	1,056							
3.00. CL3 ASPHALT BASE 1.00D PG64-22	1,664	1,475	9,753	2,796							
3.00. CL3 ASPHALT BASE 1.00D PG64-22 (STRUCTURAL OVERLAY)	1,461	1,270	8,417	2,477							
2.50. CL3 ASPHALT BASE 0.75D PG64-22 (STRUCTURAL OVERLAY)	1,461	1,270	8,417	2,477	27,258						
6.00. CRUSHED STONE BASE	1,461	1,270	8,417	2,477							
6.00. CRUSHED STONE BASE	1,461	1,270	8,417	2,477							
6.00. CRUSHED STONE BASE	1,461	1,270	8,417	2,477							
3.00. CL2 ASPHALT BASE 1.00D PG64-22	933	676	3,386	1,056							
3.00. CL3 ASPHALT BASE 1.00D PG64-22	1,664	1,475	9,753	2,796							
3.00. CL3 ASPHALT BASE 1.00D PG64-22 (STRUCTURAL OVERLAY)	1,461	1,270	8,417	2,477							
1.50. CL3 ASPHALT SURFACE 0.38D PG64-22	8,148	8,382	31,400	9,045	31,035						
1.50. CL2 ASPHALT BASE 1.00D PG64-22 (SHOULDER)	3,027	1,353	6,976	2,861							
3.00. CL2 ASPHALT BASE 1.00D PG64-22 (SHOULDER)	933	676	3,386	1,056							
3.00. CL3 ASPHALT BASE 1.00D PG64-22	1,664	1,475	9,753	2,796							
3.00. CL3 ASPHALT BASE 1.00D PG64-22 (STRUCTURAL OVERLAY)	1,461	1,270	8,417	2,477							
2.50. CL3 ASPHALT BASE 0.75D PG64-22 (STRUCTURAL OVERLAY)	1,461	1,270	8,417	2,477	27,258						
6.00. CRUSHED STONE BASE	1,461	1,270	8,417	2,477							
6.00. CRUSHED STONE BASE	1,461	1,270	8,417	2,477							
6.00. CRUSHED STONE BASE	1,461	1,270	8,417	2,477							
1.50. CL3 ASPHALT SURFACE 0.38D PG64-22	8,148	8,382	31,400	9,045	31,035						
1.50. CL2 ASPHALT BASE 1.00D PG64-22 (SHOULDER)	3,027	1,353	6,976	2,861							
3.00. CL2 ASPHALT BASE 1.00D PG64-22 (SHOULDER)	933	676	3,386	1,056							
3.00. CL3 ASPHALT BASE 1.00D PG64-22	1,664	1,475	9,753	2,796							
3.00. CL3 ASPHALT BASE 1.00D PG64-22 (STRUCTURAL OVERLAY)	1,461	1,270	8,417	2,477							
2.50. CL3 ASPHALT BASE 0.75D PG64-22 (STRUCTURAL OVERLAY)	1,461	1,270	8,417	2,477	27,258						
6.00. CRUSHED STONE BASE	1,461	1,270	8,417	2,477							
6.00. CRUSHED STONE BASE	1,461	1,270	8,417	2,477							
6.00. CRUSHED STONE BASE	1,461	1,270	8,417	2,477							
1.50. CL3 ASPHALT SURFACE 0.38B PG64-22	8,148	8,382	31,400	9,045	31,035						
1.50. CL2 ASPHALT BASE 1.00D PG64-22 (SHOULDER)	3,027	1,353	6,976	2,861							
3.00. CL2 ASPHALT BASE 1.00D PG64-22 (SHOULDER)	933	676	3,386	1,056							
3.00. CL3 ASPHALT BASE 1.00D PG64-22	1,664	1,475	9,753	2,796							
3.00. CL3 ASPHALT BASE 1.00D PG64-22 (STRUCTURAL OVERLAY)	1,461	1,270	8,417	2,477							
2.50. CL3 ASPHALT BASE 0.75D PG64-22 (STRUCTURAL OVERLAY)	1,461	1,270	8,417	2,477	27,258						
6.00. CRUSHED STONE BASE	1,461	1,270	8,417	2,477							
6.00. CRUSHED STONE BASE	1,461	1,270	8,417	2,477							
6.00. CRUSHED STONE BASE	1,461	1,270	8,417	2,477							
1.50. CL3 ASPHALT SURFACE 0.38D PG64-22	8,148	8,382	31,400	9,045	31,035						
1.50. CL2 ASPHALT BASE 1.00D PG64-22 (SHOULDER)	3,027	1,353	6,976	2,861							
3.00. CL2 ASPHALT BASE 1.00D PG64-22 (SHOULDER)	933	676	3,386	1,056							
3.00. CL3 ASPHALT BASE 1.00D PG64-22	1,664	1,475	9,753	2,796							
3.00. CL3 ASPHALT BASE 1.00D PG64-22 (STRUCTURAL OVERLAY)	1,461	1,270	8,417	2,477							
2.50. CL3 ASPHALT BASE 0.75D PG64-22 (STRUCTURAL OVERLAY)	1,461	1,270	8,417	2,477	27,258						
6.00. CRUSHED STONE BASE	1,461	1,270	8,417	2,477							
6.00. CRUSHED STONE BASE	1,461	1,270	8,417	2,477							
6.00. CRUSHED STONE BASE	1,461	1,270	8,417	2,477							
1.50. CL3 ASPHALT SURFACE 0.38B PG64-22	8,148	8,382	31,400	9,045	31,035						
1.50. CL2 ASPHALT BASE 1.00D PG64-22 (SHOULDER)	3,027	1,353	6,976	2,861							
3.00. CL2 ASPHALT BASE 1.00D PG64-22 (SHOULDER)	933	676	3,386	1,056							

COUNTY OF	ITEM NO.	SHEET NO.
BARREN	03-889.00	R2H

REVISED: 06-23-2025

GENERAL NOTES

BEFORE YOU DIG

THE CONTRACTOR IS INSTRUCTED TO CALL 1-800-752-6007 TO REACH KY 811, THE ONE-CALL SYSTEM FOR INFORMATION ON THE LOCATION OF EXISTING UNDERGROUND UTILITIES. THE CALL IS TO BE PLACED A MINIMUM OF TWO (2) AND NO MORE THAN TEN (10) BUSINESS DAYS PRIOR TO EXCAVATION. THE CONTRACTOR SHOULD BE AWARE THAT OWNERS OF UNDERGROUND FACILITIES ARE NOT REQUIRED TO BE MEMBERS OF THE KY 811 ONE-CALL BEFORE-U-DIG (BUD) SERVICE. THE CONTRACTOR MUST COORDINATE EXCAVATION WITH THE UTILITY OWNERS, INCLUDING THOSE WHO DO NOT SUBSCRIBE TO KY 811. IT MAY BE NECESSARY FOR THE CONTRACTOR TO CONTACT THE COUNTY COURT CLERK TO DETERMINE WHAT UTILITY COMPANIES HAVE FACILITIES IN THE AREA.

190. DEPARTMENT OF THE ARMY PERMIT AND WATER QUALITY CERTIFICATION APPROVALS

A DEPARTMENT OF THE ARMY (DA) PERMIT, WHICH MAY REQUIRE APPROVAL OF A STATE WATER QUALITY CERTIFICATION FROM THE KENTUCKY DIVISION OF WATER, REGULATES THIS PROJECT AT ONE OR MORE LOCATIONS. PERFORM ALL APPLICABLE WORK IN COMPLIANCE WITH THE CONDITIONS STATED IN THE DA PERMIT AND THE APPROVED WATER QUALITY CERTIFICATION. POST A COPY OF THE DA PERMIT AND THE WATER QUALITY CERTIFICATION IN A CONSPICUOUS PLACE AT THE PROJECT SITE. IF A DA PERMIT OR WATER QUALITY CERTIFICATION APPROVAL IS PENDING, DO NOT WORK IN OR DISTURB THE DESIGNATED AREAS UNTIL OBTAINING THE APPROPRIATE APPROVAL(S). REFER TO NOTICES CONTAINED IN THE CONTRACT BID PROPOSAL FOR DESIGNATED AREA(S) WHERE WORK IS PROHIBITED BY THE ABSENCE OF APPROVAL.

444. ASPHALT RIDEABILITY REQUIREMENTS

PAVEMENT RIDEABILITY REQUIREMENTS, IN ACCORDANCE WITH SECTION 410 OF THE STANDARD SPECIFICATIONS, SHALL APPLY ON THIS PROJECT. CATEGORY B SHALL APPLY.

447. COMPACTION OF ASPHALT MIXTURES

WILL ACCEPT THE COMPACTION OF ASPHALT MIXTURES FURNISHED FOR DRIVING LANES AND RAMPS AT ONE INCH OR GREATER ON THIS PROJECT BY OPTION A ACCORDING TO SUBSECTIONS 402 AND 403 OF THE CURRENT STANDARD SPECIFICATIONS. USE JOINT CORES AS DESCRIBED IN SUBSECTION 402.03.02 FOR SURFACE MIXTURES ONLY. WILL ACCEPT THE COMPACTION OF ALL OTHER ASPHALT MIXTURES BY OPTION B.

EDGE KEY (TRANSVERSE)

THIS WORK INCLUDES CUTTING OUT THE EXISTING ASPHALT SURFACE TO A MINIMUM DEPTH OF 1.5 INCHES AND MINIMUM WIDTH OF 3 FEET SO THAT THE NEW SURFACE MAY HEEL INTO THE EXISTING SURFACE. PAYMENT WILL BE MADE UNDER THE CONTRACT ITEM OF ASPHALT PAVEMENT MILLING & TEXTURING. THE UNIT BID PRICE PER TON INCLUDES ALL NECESSARY MATERIALS, LABOR AND EQUIPMENT NECESSARY TO PERFORM THE WORK AND DISPOSE OF THE REMOVED ASPHALT MATERIAL. CONSTRUCT EDGE KEY FOR OVERLAY TIE-INS AT ALL APPROACH ROADS.

650. STANDARD DRAWINGS

STANDARD DRAWINGS ARE NOT ATTACHED TO THESE PLANS. A STANDARD DRAWING BOOK AND THE HEADWALL SUPPLEMENTAL BOOK MAY BE OBTAINED FROM THE POLICY SUPPORT BRANCH OF THE DEPARTMENT OF ADMINISTRATIVE SERVICES IN FRANKFORT, KY. AT (502) 564-4610.

MATERIAL TRANSFER VEHICLE:

A MATERIAL TRANSFER VEHICLE (MTV) SHALL BE REQUIRED FOR ALL ASPHALT PAVING ON MAINLINE DRIVING LANES IN ACCORDANCE WITH SECTION 403.02.0 OF THE STANDARD SPECIFICATIONS AND CURRENT SUPPLEMENTAL SPECIFICATIONS.

SPECIAL NOTES:

II. SPECIAL NOTE FOR PORTABLE CHANGEABLE MESSAGE SIGNS

IIIE SPECIAL NOTE FOR BORING AND JACKING STEEL PIPE WITHOUT CARRIER PIPE

IM SPECIAL NOTE FOR BARCODE LABEL ON PERMANENT SIGNS

IN SPECIAL NOTE FOR LONGITUDINAL PAVEMENT JOINT ADHESIVES

SPECIAL NOTE - FILING OF ENOI FOR KPDES CONSTRUCTION STORMWATER PERMIT

SPECIAL NOTE FOR NON-TRACKING TACK COAT (5/23/22)

SPECIAL NOTE FOR TREE, STUMP, AND BRUSH REMOVAL

SPECIAL NOTE FOR TREE REMOVAL

SPECIAL NOTE FOR EXPERIMENTAL KYTC AND HAMBURG TESTING

SPECIAL NOTE FOR VOID REDUCING ASPHALT MEMBRANE (VRAM)

SPECIAL NOTE FOR VOID REDUCING ASPHALT MEMBRANE (VRAM)

SPECIAL NOTE FOR PORTABLE CHANGEABLE MESSAGE SIGNS

IIIE SPECIAL NOTE FOR BORING AND JACKING STEEL PIPE WITHOUT CARRIER PIPE

IM SPECIAL NOTE FOR BARCODE LABEL ON PERMANENT SIGNS

IN SPECIAL NOTE FOR LONGITUDINAL PAVEMENT JOINT ADHESIVES

SPECIAL NOTE - FILING OF ENOI FOR KPDES CONSTRUCTION STORMWATER PERMIT

SPECIAL NOTE FOR NON-TRACKING TACK COAT (5/23/22)

SPECIAL NOTE FOR TREE, STUMP, AND BRUSH REMOVAL

SPECIAL NOTE FOR TREE REMOVAL

SPECIAL NOTE FOR EXPERIMENTAL KYTC AND HAMBURG TESTING

SPECIAL NOTE FOR VOID REDUCING ASPHALT MEMBRANE (VRAM)

SPECIAL NOTE FOR VOID REDUCING ASPHALT MEMBRANE (VRAM)

SPECIAL NOTE FOR PORTABLE CHANGEABLE MESSAGE SIGNS

IIIE SPECIAL NOTE FOR BORING AND JACKING STEEL PIPE WITHOUT CARRIER PIPE

IM SPECIAL NOTE FOR BARCODE LABEL ON PERMANENT SIGNS

IN SPECIAL NOTE FOR LONGITUDINAL PAVEMENT JOINT ADHESIVES

SPECIAL NOTE - FILING OF ENOI FOR KPDES CONSTRUCTION STORMWATER PERMIT

SPECIAL NOTE FOR NON-TRACKING TACK COAT (5/23/22)

SPECIAL NOTE FOR TREE, STUMP, AND BRUSH REMOVAL

SPECIAL NOTE FOR TREE REMOVAL

SPECIAL NOTE FOR EXPERIMENTAL KYTC AND HAMBURG TESTING

SPECIAL NOTE FOR VOID REDUCING ASPHALT MEMBRANE (VRAM)

SPECIAL NOTE FOR VOID REDUCING ASPHALT MEMBRANE (VRAM)

SPECIAL NOTE FOR PORTABLE CHANGEABLE MESSAGE SIGNS

IIIE SPECIAL NOTE FOR BORING AND JACKING STEEL PIPE WITHOUT CARRIER PIPE

IM SPECIAL NOTE FOR BARCODE LABEL ON PERMANENT SIGNS

IN SPECIAL NOTE FOR LONGITUDINAL PAVEMENT JOINT ADHESIVES

SPECIAL NOTE - FILING OF ENOI FOR KPDES CONSTRUCTION STORMWATER PERMIT

SPECIAL NOTE FOR NON-TRACKING TACK COAT (5/23/22)

SPECIAL NOTE FOR TREE, STUMP, AND BRUSH REMOVAL

SPECIAL NOTE FOR TREE REMOVAL

SPECIAL NOTE FOR EXPERIMENTAL KYTC AND HAMBURG TESTING

SPECIAL NOTE FOR VOID REDUCING ASPHALT MEMBRANE (VRAM)

SPECIAL NOTE FOR VOID REDUCING ASPHALT MEMBRANE (VRAM)

SPECIAL NOTE FOR PORTABLE CHANGEABLE MESSAGE SIGNS

IIIE SPECIAL NOTE FOR BORING AND JACKING STEEL PIPE WITHOUT CARRIER PIPE

IM SPECIAL NOTE FOR BARCODE LABEL ON PERMANENT SIGNS

IN SPECIAL NOTE FOR LONGITUDINAL PAVEMENT JOINT ADHESIVES

SPECIAL NOTE - FILING OF ENOI FOR KPDES CONSTRUCTION STORMWATER PERMIT

SPECIAL NOTE FOR NON-TRACKING TACK COAT (5/23/22)

SPECIAL NOTE FOR TREE, STUMP, AND BRUSH REMOVAL

SPECIAL NOTE FOR TREE REMOVAL

SPECIAL NOTE FOR EXPERIMENTAL KYTC AND HAMBURG TESTING

SPECIAL NOTE FOR VOID REDUCING ASPHALT MEMBRANE (VRAM)

SPECIAL NOTE FOR VOID REDUCING ASPHALT MEMBRANE (VRAM)

SPECIAL NOTE FOR PORTABLE CHANGEABLE MESSAGE SIGNS

IIIE SPECIAL NOTE FOR BORING AND JACKING STEEL PIPE WITHOUT CARRIER PIPE

IM SPECIAL NOTE FOR BARCODE LABEL ON PERMANENT SIGNS

IN SPECIAL NOTE FOR LONGITUDINAL PAVEMENT JOINT ADHESIVES

SPECIAL NOTE - FILING OF ENOI FOR KPDES CONSTRUCTION STORMWATER PERMIT

SPECIAL NOTE FOR NON-TRACKING TACK COAT (5/23/22)

SPECIAL NOTE FOR TREE, STUMP, AND BRUSH REMOVAL

SPECIAL NOTE FOR TREE REMOVAL

SPECIAL NOTE FOR EXPERIMENTAL KYTC AND HAMBURG TESTING

SPECIAL NOTE FOR VOID REDUCING ASPHALT MEMBRANE (VRAM)

SPECIAL NOTE FOR VOID REDUCING ASPHALT MEMBRANE (VRAM)

SPECIAL NOTE FOR PORTABLE CHANGEABLE MESSAGE SIGNS

IIIE SPECIAL NOTE FOR BORING AND JACKING STEEL PIPE WITHOUT CARRIER PIPE

IM SPECIAL NOTE FOR BARCODE LABEL ON PERMANENT SIGNS

IN SPECIAL NOTE FOR LONGITUDINAL PAVEMENT JOINT ADHESIVES

SPECIAL NOTE - FILING OF ENOI FOR KPDES CONSTRUCTION STORMWATER PERMIT

SPECIAL NOTE FOR NON-TRACKING TACK COAT (5/23/22)

SPECIAL NOTE FOR TREE, STUMP, AND BRUSH REMOVAL

SPECIAL NOTE FOR TREE REMOVAL

SPECIAL NOTE FOR EXPERIMENTAL KYTC AND HAMBURG TESTING

SPECIAL NOTE FOR VOID REDUCING ASPHALT MEMBRANE (VRAM)

SPECIAL NOTE FOR VOID REDUCING ASPHALT MEMBRANE (VRAM)

SPECIAL NOTE FOR PORTABLE CHANGEABLE MESSAGE SIGNS

IIIE SPECIAL NOTE FOR BORING AND JACKING STEEL PIPE WITHOUT CARRIER PIPE

IM SPECIAL NOTE FOR BARCODE LABEL ON PERMANENT SIGNS

IN SPECIAL NOTE FOR LONGITUDINAL PAVEMENT JOINT ADHESIVES

SPECIAL NOTE - FILING OF ENOI FOR KPDES CONSTRUCTION STORMWATER PERMIT

SPECIAL NOTE FOR NON-TRACKING TACK COAT (5/23/22)

SPECIAL NOTE FOR TREE, STUMP, AND BRUSH REMOVAL

SPECIAL NOTE FOR TREE REMOVAL

SPECIAL NOTE FOR EXPERIMENTAL KYTC AND HAMBURG TESTING

SPECIAL NOTE FOR VOID REDUCING ASPHALT MEMBRANE (VRAM)

SPECIAL NOTE FOR VOID REDUCING ASPHALT MEMBRANE (VRAM)

SPECIAL NOTE FOR PORTABLE CHANGEABLE MESSAGE SIGNS

IIIE SPECIAL NOTE FOR BORING AND JACKING STEEL PIPE WITHOUT CARRIER PIPE

IM SPECIAL NOTE FOR BARCODE LABEL ON PERMANENT SIGNS

IN SPECIAL NOTE FOR LONGITUDINAL PAVEMENT JOINT ADHESIVES

SPECIAL NOTE - FILING OF ENOI FOR KPDES CONSTRUCTION STORMWATER PERMIT

SPECIAL NOTE FOR NON-TRACKING TACK COAT (5/23/22)

SPECIAL NOTE FOR TREE, STUMP, AND BRUSH REMOVAL

SPECIAL NOTE FOR TREE REMOVAL

SPECIAL NOTE FOR EXPERIMENTAL KYTC AND HAMBURG TESTING

SPECIAL NOTE FOR VOID REDUCING ASPHALT MEMBRANE (VRAM)

SPECIAL NOTE FOR VOID REDUCING ASPHALT MEMBRANE (VRAM)

SPECIAL NOTE FOR PORTABLE CHANGEABLE MESSAGE SIGNS

IIIE SPECIAL NOTE FOR BORING AND JACKING STEEL PIPE WITHOUT CARRIER PIPE

IM SPECIAL NOTE FOR BARCODE LABEL ON PERMANENT SIGNS

IN SPECIAL NOTE FOR LONGITUDINAL PAVEMENT JOINT ADHESIVES

SPECIAL NOTE - FILING OF ENOI FOR KPDES CONSTRUCTION STORMWATER PERMIT

SPECIAL NOTE FOR NON-TRACKING TACK COAT (5/23/22)

SPECIAL NOTE FOR TREE, STUMP, AND BRUSH REMOVAL

SPECIAL NOTE FOR TREE REMOVAL

SPECIAL NOTE FOR EXPERIMENTAL KYTC AND HAMBURG TESTING

SPECIAL NOTE FOR VOID REDUCING ASPHALT MEMBRANE (VRAM)

SPECIAL NOTE FOR VOID REDUCING ASPHALT MEMBRANE (VRAM)

SPECIAL NOTE FOR PORTABLE CHANGEABLE MESSAGE SIGNS

IIIE SPECIAL NOTE FOR BORING AND JACKING STEEL PIPE WITHOUT CARRIER PIPE

IM SPECIAL NOTE FOR BARCODE LABEL ON PERMANENT SIGNS

IN SPECIAL NOTE FOR LONGITUDINAL PAVEMENT JOINT ADHESIVES

SPECIAL NOTE - FILING OF ENOI FOR KPDES CONSTRUCTION STORMWATER PERMIT

SPECIAL NOTE FOR NON-TRACKING TACK COAT (5/23/22)

SPECIAL NOTE FOR TREE, STUMP, AND BRUSH REMOVAL

SPECIAL NOTE FOR TREE REMOVAL

SPECIAL NOTE FOR EXPERIMENTAL KYTC AND HAMBURG TESTING

SPECIAL NOTE FOR VOID REDUCING ASPHALT MEMBRANE (VRAM)

SPECIAL NOTE FOR VOID REDUCING ASPHALT MEMBRANE (VRAM)

SPECIAL NOTE FOR PORTABLE CHANGEABLE MESSAGE SIGNS

IIIE SPECIAL NOTE FOR BORING AND JACKING STEEL PIPE WITHOUT CARRIER PIPE

COUNTY OF	ITEM NO.	SHEET NO.
BARREN	03-889.00	R2H

REVISED: 06-23-2025

GENERAL NOTES

BEFORE YOU DIG

THE CONTRACTOR IS INSTRUCTED TO CALL 1-800-752-6007 TO REACH KY 811, THE ONE-CALL SYSTEM FOR INFORMATION ON THE LOCATION OF EXISTING UNDERGROUND UTILITIES. THE CALL IS TO BE PLACED A MINIMUM OF TWO (2) AND NO MORE THAN TEN (10) BUSINESS DAYS PRIOR TO EXCAVATION. THE CONTRACTOR SHOULD BE AWARE THAT OWNERS OF UNDERGROUND FACILITIES ARE NOT REQUIRED TO BE MEMBERS OF THE KY 811 ONE-CALL BEFORE-U-DIG (BUD) SERVICE. THE CONTRACTOR MUST COORDINATE EXCAVATION WITH THE UTILITY OWNERS, INCLUDING THOSE WHO DO NOT SUBSCRIBE TO KY 811. IT MAY BE NECESSARY FOR THE CONTRACTOR TO CONTACT THE COUNTY COURT CLERK TO DETERMINE WHAT UTILITY COMPANIES HAVE FACILITIES IN THE AREA.

190. DEPARTMENT OF THE ARMY PERMIT AND WATER QUALITY CERTIFICATION APPROVALS

A DEPARTMENT OF THE ARMY (DA) PERMIT, WHICH MAY REQUIRE APPROVAL OF A STATE WATER QUALITY CERTIFICATION FROM THE KENTUCKY DIVISION OF WATER, REGULATES THIS PROJECT AT ONE OR MORE LOCATIONS. PERFORM ALL APPLICABLE WORK IN COMPLIANCE WITH THE CONDITIONS STATED IN THE DA PERMIT AND THE APPROVED WATER QUALITY CERTIFICATION. POST A COPY OF THE DA PERMIT AND THE WATER QUALITY CERTIFICATION IN A CONSPICUOUS PLACE AT THE PROJECT SITE. IF A DA PERMIT OR WATER QUALITY CERTIFICATION APPROVAL IS PENDING, DO NOT WORK IN OR DISTURB THE DESIGNATED AREAS UNTIL OBTAINING THE APPROPRIATE APPROVAL(S). REFER TO NOTICES CONTAINED IN THE CONTRACT BID PROPOSAL FOR DESIGNATED AREA(S) WHERE WORK IS PROHIBITED BY THE ABSENCE OF APPROVAL.

444. ASPHALT RIDEABILITY QUALITY

PAVEMENT RIDEABILITY REQUIREMENTS, IN ACCORDANCE WITH SECTION 410 OF THE STANDARD SPECIFICATIONS, SHALL APPLY ON THIS PROJECT. CATEGORY B SHALL APPLY.

447. COMPACTION OF ASPHALT MIXTURES

WILL ACCEPT THE COMPACTION OF ASPHALT MIXTURES FURNISHED FOR DRIVING LANES AND RAMPS AT ONE INCH OR GREATER ON THIS PROJECT BY OPTION A ACCORDING TO SUBSECTIONS 402 AND 403 OF THE CURRENT STANDARD SPECIFICATIONS. USE JOINT CORES AS DESCRIBED IN SUBSECTION 402.03.02 FOR SURFACE MIXTURES ONLY. WILL ACCEPT THE COMPACTION OF ALL OTHER ASPHALT MIXTURES BY OPTION B.

EDGE KEY (TRANSVERSE)

THIS WORK INCLUDES CUTTING OUT THE EXISTING ASPHALT SURFACE TO A MINIMUM DEPTH OF 1.5 INCHES AND MINIMUM WIDTH OF 3 FEET SO THAT THE NEW SURFACE MAY HEEL INTO THE EXISTING SURFACE. PAYMENT WILL BE MADE UNDER THE CONTRACT ITEM OF ASPHALT PAVEMENT MILLING & TEXTURING. THE UNIT BID PRICE PER TON INCLUDES ALL NECESSARY MATERIALS, LABOR AND EQUIPMENT NECESSARY TO PERFORM THE WORK AND DISPOSE OF THE REMOVED ASPHALT MATERIAL. CONSTRUCT EDGE KEY FOR OVERLAY TIE-INS AT ALL APPROACH ROADS.

650. STANDARD DRAWINGS

STANDARD DRAWINGS ARE NOT ATTACHED TO THESE PLANS. A STANDARD DRAWING BOOK AND THE HEADWALL SUPPLEMENTAL BOOK MAY BE OBTAINED FROM THE POLICY SUPPORT BRANCH OF THE DEPARTMENT OF ADMINISTRATIVE SERVICES IN FRANKFORT, KY. AT (502) 564-4610.

MATERIAL TRANSFER VEHICLE:

A MATERIAL TRANSFER VEHICLE (MTV) SHALL BE REQUIRED FOR ALL ASPHALT PAVING ON MAINLINE DRIVING LANES IN ACCORDANCE WITH SECTION 403.02.0 OF THE STANDARD SPECIFICATIONS AND CURRENT SUPPLEMENTAL SPECIFICATIONS.

SPECIAL NOTES:

II. SPECIAL NOTE FOR PORTABLE CHANGEABLE MESSAGE SIGNS

IIE SPECIAL NOTE FOR BORING AND JACKING STEEL PIPE WITHOUT CARRIER PIPE

IM SPECIAL NOTE FOR BARCODE LABEL ON PERMANENT SIGNS

IN SPECIAL NOTE FOR LONGITUDINAL PAVEMENT JOINT ADHESIVES

SPECIAL NOTE - FILING OF ENOI FOR KPD&ES CONSTRUCTION STORMWATER PERMIT

SPECIAL NOTE FOR NON-TRACKING TACK COAT (5/23/22)

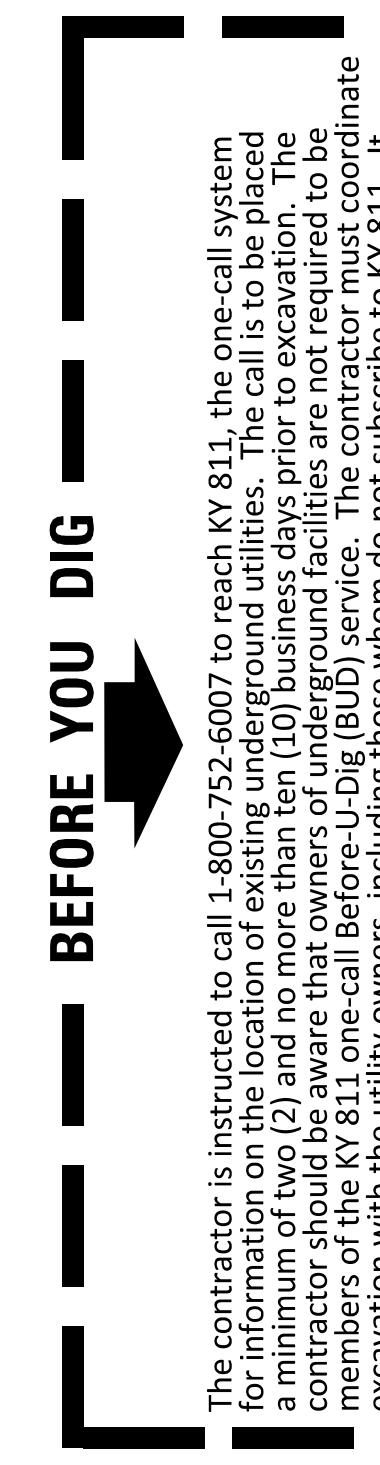
SPECIAL NOTE FOR TREE, STUMP, AND BRUSH REMOVAL

SPECIAL NOTE FOR TREE REMOVAL

SPECIAL NOTE FOR EXPERIMENTAL KYTC AND HAMBURG TESTING

SPECIAL NOTE FOR VOID REDUCING ASPHALT MEMBRANE (VRAM)

SPECIAL NOTE FOR VOID REDUCING ASPHALT MEMBRANE (VRAM)



The contractor is instructed to call 1-800-752-6007 to reach KY 811, the one-call system for information on the location of existing underground utilities. The call is to be placed for a minimum of two (2) and no more than ten (10) business days prior to excavation. The contractor should be aware that owners of underground facilities are not required to be members of the KY 811 one-call Before-U-Dig (BUD) service. The contractor must coordinate excavation with the utility owners, including those who do not subscribe to KY 811. It may be necessary for the contractor to contact the County Court clerk to determine what utility companies have facilities in the area.