

39- 67 KA 5091-01  
 1 1/2" Mill & Overlay, with  
 Edge Wedge

LEGEND

ROAD AND PAVEMENT SURFACES	PAVEMENT SURFACES
Interstate	Full-Depth Asphalt
Interstate with Overlay	Full-Depth Concrete
Interstate with Overlay and Edge Wedge	Asphalt Concrete
Interstate with Overlay and Edge Wedge and Seal Coat	Asphalt Concrete with Seal Coat
Interstate with Overlay and Edge Wedge and Seal Coat and Edge Treatment	Asphalt Concrete with Seal Coat and Edge Treatment
Interstate with Overlay and Edge Wedge and Seal Coat and Edge Treatment and Edge Treatment	Asphalt Concrete with Seal Coat and Edge Treatment and Edge Treatment
Interstate with Overlay and Edge Wedge and Seal Coat and Edge Treatment and Edge Treatment and Edge Treatment	Asphalt Concrete with Seal Coat and Edge Treatment and Edge Treatment and Edge Treatment
Interstate with Overlay and Edge Wedge and Seal Coat and Edge Treatment and Edge Treatment and Edge Treatment and Edge Treatment	Asphalt Concrete with Seal Coat and Edge Treatment and Edge Treatment and Edge Treatment and Edge Treatment
Interstate with Overlay and Edge Wedge and Seal Coat and Edge Treatment and Edge Treatment and Edge Treatment and Edge Treatment and Edge Treatment	Asphalt Concrete with Seal Coat and Edge Treatment and Edge Treatment and Edge Treatment and Edge Treatment and Edge Treatment

GENERAL HIGHWAY MAP  
 NEOSHO COUNTY  
 KANSAS

KANSAS DEPARTMENT OF TRANSPORTATION  
 BUREAU OF TRANSPORTATION PLANNING

1:50,000 SCALE

1980

1980

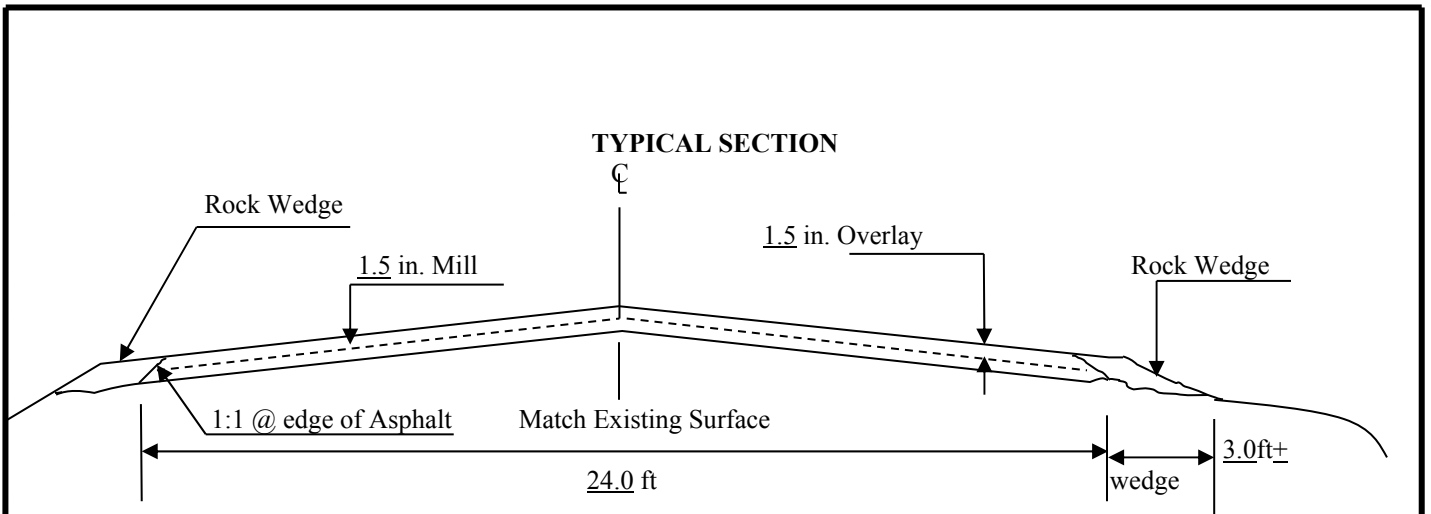
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Project No. 39- 67 KA 5091-01

**Note**

- 1 Milling: All milling shall become the property of the contractor and shall be disposed of at a site approved by the Engineer.
- 2 The contractor is responsible for establishing and maintaining centerline of the traveled way for the duration of the project. Splitting the traveled way with a tape measure is an acceptable technique to establish centerline.
- 3 A small stockpile of material milled from the project is available for use in developing preliminary mix designs for bidding purposes. The stockpile is located at KDOT's mixing strip on K-39 between the K-3 and K-7 junctions. Contractors can obtain a sample at their convenience. The stockpile is marked with a sign noting the route and county (K39-67) from which the material was obtained.
- 4 Quantities for the milling are based on a 1 ½" nominal depth and a unit weight of 145 lbs/cubic feet. The milling depth may be decreased if the actual unit weight is more than 145 lbs/cubic feet, but will not be increased if the unit weight is less than 145 lbs/cubic feet. The maximum milling depth will be 1 ½".
- 5 Contractor must mill and inlay any section of roadway on the same day. No traffic will be allowed on the milled surface and the contractor must have a contingency plan in case of bad weather and/or equipment breakdown.
- 6 When milling mainline areas, a full width mill head will be required to maintain cross slope of the existing lane being milled in one pass. A smaller mill head will be allowed on miscellaneous areas as approved by the Engineer but will not be allowed to perform mainline milling.
- 7 Milling thickness shall be adjusted at bridge approaches and grade crossings to allow a reasonable transition.



- Typical slope 1.56 % on tangents and on super-elevated sections to match existing super or as directed by the Engineer.
- Existing surface may be irregular and contain edge ruts. Contractor to fill to finished slope. Material for wedges shall be furnished by the contractor and paid for as “Pavement Edge Wedge (Rock)”.
- To allow for a reasonable transition the overlay is to be tapered approximately three feet at all paved side roads and entrances (except those that are approved to be fully paved).

**ROADWAY WIDTHS**

Location	mile	Approx. Width	Location	mile	Approx. Width
Sta. 100+22 to 102+95	0.0517	Varies *	* Jct. Radius & Taper		
Sta. 102+95 to 128+70	0.4877	24 ft.			
Sta. 128+70 to 131+77	0.0581	Varies **	** Widened area at RCB		
Sta. 131+77 to 137+12	0.1013	24 ft.			
Sta. 137+12 to 147+58	0.1984	Varies ***	*** Widened area at RR Xing		
Sta. 147+58 to 184+49	0.6991	24 ft.			
Sta. 184+49 to 187+28	0.0528	Varies ****	**** Widening for Br. # 057		
Sta. 187+28 to 311+59	2.3544	24 ft.			
			Total Area of Widening:		
			8,456.56 Sq.Yds.		
			Total Area of Remaining Road:		
			51,286.40 Sq.Yds.		

**RATE OF APPLICATION**

Quantity based on SR- 12.5A @0.0816 Ton/yd<sup>2</sup>

PG 64 - 22

SS-IHP or approved alternate shall be used for tack.

Edge Wedge (Rock) @ 150 lb/ft<sup>3</sup>

	Date: 9/26/2018 8:22 AM	<b>KANSAS DEPARTMENT OF TRANSPORTATION</b>
<b>NEOSHO Co.</b>	<b>PROJ. NO. 39- 67 KA 5091-01</b>	<b>TITLE: MILLOLROCKW</b>

**SUMMARY OF TRAFFIC CONTROL DEVICES  
(FOR INFORMATION ONLY)**

All traffic control devices shall be placed in accordance with the applicable KDOT Traffic Control Standards. The contractor shall provide all signs and other traffic control devices for proper traffic control of all construction activities. Quantities listed are estimates only. Contractor operations may require additional signs and traffic control devices, this will be subsidiary to the bid item traffic control.

WORK ZONE SIGNS *			
SIGN NO.	SIZE - SQ. FT.		
	0-9.25	9.26-16.25	16.26 & OVER
R2-1			
R4-1	4		
W3-4		4	
W3-5			
W8-11			
W14-3		4	
W20-1		4	
W20-4		4	
W20-5			
W20-7		6	
W21-5			
KG20-5	4		
W8-15		2	
W8-15p	2		
W1-4R		4	
W13-1	4		
KM4-20			
KG20-2	8		
KI-104a		2	
KI-105a		2	

LIGHTED DEVICES *	
WORK ZONE WARNING LIGHT (TYPE "A" LOW INTENSITY)	
WORK ZONE WARNING LIGHT (RED TYPE "B" HIGH INTENSITY)	
ARROW DISPLAY	
PORTABLE CHANGEABLE MESSAGE SIGN	

BARRICADES *		CHANNELIZING DEVICES *		
TYPE III (4' TO 12')	PEDESTRIAN	FIXED	PORTABLE	PEDESTRIAN
			72	

**SUMMARY OF TRAFFIC CONTROL DEVICES  
(EACH)**

WORK ZONE SIGN (SPECIAL)		
SIGN NO.	16.25 SQ. FT. & LESS	16.26 SQ. FT. & OVER

**RECAPITULATION OF QUANTITIES**

ITEM	QUANTITY	UNIT
WORK ZONE SIGNS (0 TO 9.25 SQ. FT.)		EADA
WORK ZONE SIGNS (9.26 TO 16.25 SQ. FT.)		EADA
WORK ZONE SIGNS (16.26 SQ. FT. & OVER)		EADA
WORK ZONE BARRICADES (TYPE 3 - 4' TO 12')		EADA
WORK ZONE BARRICADES (PEDESTRIAN)		EADA
CHANNELIZER (FIXED)		EADA
CHANNELIZER (PORTABLE)		EADA
CHANNELIZER (PEDESTRIAN)		EADA
WORK ZONE WARNING LIGHT (TYPE "A" LOW INTENSITY)		EADA
WORK ZONE WARNING LIGHT (RED TYPE "B" HIGH INTENSITY)		EADA
ARROW DISPLAY		EADA
PORTABLE CHANGEABLE MESSAGE SIGN		EADA
PAVEMENT MARKING (TEMPORARY)		
4" SOLID (TYPE I)		STA./LINE
4" SOLID (TYPE II)		STA./LINE
4" BROKEN (8")(TYPE I)		STA./LINE
4" BROKEN (8")(TYPE II)		STA./LINE
4" BROKEN (3")(TYPE I)		STA./LINE
4" BROKEN (3")(TYPE II)		STA./LINE
4" DOTTED EXTENSION (TYPE I)		STA./LINE
4" DOTTED EXTENSION (TYPE II)		STA./LINE
SOLID (LINE MASKING TAPE)		STA./LINE
BROKEN (LINE MASKING TAPE)		STA./LINE
SYMBOL (TYPE I)		EACH
SYMBOL (TYPE II)		EACH
FLEXIBLE RAISED PAVEMENT MARKERS (4" BROKEN (8"))		STA./LINE
FLEXIBLE RAISED PAVEMENT MARKERS (4" BROKEN (3"))	422.7	STA./LINE
PAVEMENT MARKING REMOVAL		LIN. FT.
CONCRETE SAFETY BARRIER (TYPE F3) (TEMPORARY)		LIN. FT.
CONCRETE SAFETY BARRIER (TYPE F3) (TEMP.-INSTALL ONLY)		LIN. FT.
CONCRETE SAFETY BARRIER (TYPE F3) (TEMP.-RELOCATE)		LIN. FT.
INERTIAL BARRIER SYSTEM		EACH
REPLACEMENT MDDULES (IBS)		EACH
WORK ZONE SIGN (SPECIAL) (16.25 SQ. FT. & LESS)		EACH
WORK ZONE SIGN (SPECIAL) (16.26 SQ. FT. & OVER)		EACH
RIGID RAISED PAVEMENT MARKER (TYPE I)		EACH
RIGID RAISED PAVEMENT MARKER (TYPE II)		EACH
TRAFFIC SIGNAL INSTALLATION (TEMPORARY)		LUMP SUM
TRAFFIC CONTROL (INITIAL SET UP)		LUMP SUM
TRAFFIC CONTROL	LUMPSUM	LUMP SUM
FLAGGER (SET PRICE)	1	HOURL

NOTES: Quantities shown represent 2 setups for signs and cones based on TE 731.

3				
2				
1	11/10/16	Removed Replacement Modules Summary Table, Added "IBS" to Replacement Modules description	JGB	
NO.	DATE	REVISIONS	BY	APP'D
KANSAS DEPARTMENT OF TRANSPORTATION				
<b>TRAFFIC CONTROL SUMMARY OF DEVICES RECAPITULATION OF QUANTITIES</b>				
TE706				
FHWA APPR'DVAL	06/01/16	APP'D	Kristina Erickson	
DESIGNED	B.A.H.	DETAILED	R.W.B.	QUANTITIES
DESIGN CK.		DETAIL CK.		TRACE CK.