

General Notes

8/23/2018

Page 1 of 1

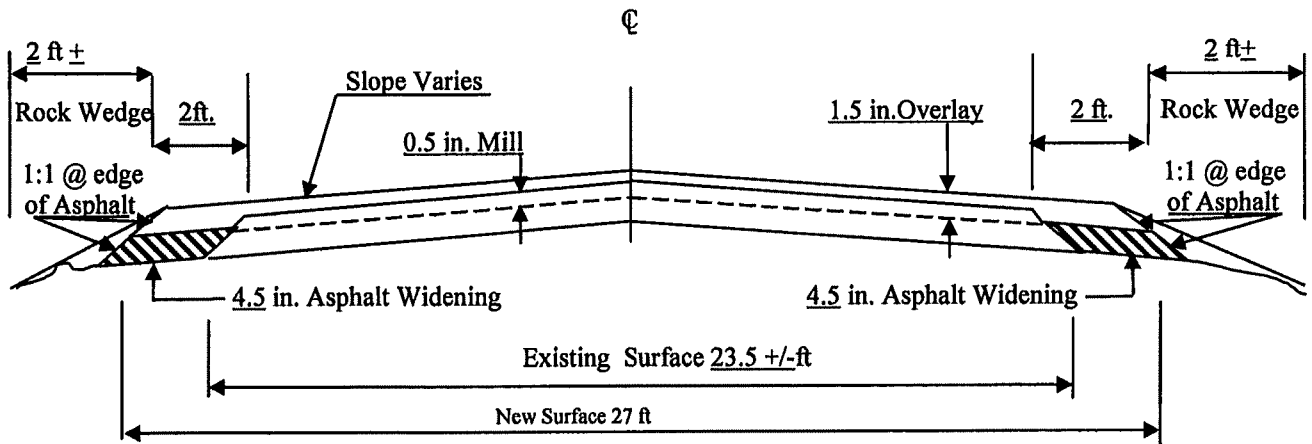


Project No. 140- 85 KA 5084-01

Note

- 1 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. This work is considered subsidiary to other items of work.
- 2 The plant is to be onsite before milling starts.
- 3 All widenings are to be milled and overlaid.
- 4 Quantities for milling are based on a 1/2" nominal depth and a unit weight of 145 lbs/cu ft. The milling depth may be decreased if the actual weight is more than 145 lbs/cu ft, but will not be increased if the unit weight is less than 145 lbs/cu ft. This depth may also be altered by the Engineer to prevent "slabbing" or loss of the existing surface lift.
- 5 All excess milled material from the project is to become the property of the contractor and is to be removed from the project.
- 6 Permanent striping will be done by KDOT.
- 7 Rap samples for the mix can be obtained at the Salina KDOT Subarea yard at 3825 Yost Dr. Contact John King 785-827-6286.
- 8 Milling is the only acceptable method for excavating the trench for the HMA widening. It is to be milled along a line 11.5 ft. off centerline of the roadway.
- 9 The material from milling of HMA widenings shall be placed on the existing shoulder as it is being milled, struck off to prevent a hazard and then retrieved as backfill to the new surfacing. This work will be completed prior to Pavement Edge Wedge and shall be subsidiary to shoulders (Agg) (HMA Widening).

TYPICAL SECTION



not to scale

- Typical slope 1.56 % on tangents and on super-elevated sections to match existing super or as directed by the Engineer.
- Top lift on widening to be laid with mainline.
- Any Material required for earth wedges shall be furnished by the contractor and paid for as "Pavement Edge Wedge (Rock)". Shoulders to be brought to a 4.17% to 8.33% slope.
- 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	Widenings	Approx. SQYD's
Ellsworth/Saline Co. line, East to I-135.	16.769	23.5 ft +/-	Bavaria	2999.5
			Br #068	600
			Paved Intersections	
			Brookville Rd	515.6
			Geissler St	417.5
			Midland Rd	546
			Crawford St	1499.6
			Burma Rd	723.3
			Halstead Rd	831.1
			33 Intersection Wedges	687.5
Exceptions			22 Entrance wedges	66
Br #068	110 ft		1 Mailbox turnout	100
Br #147	250 ft			

RATE OF APPLICATION

Quantity based on SR- 12.5A @ 0.0816 T/yd²

HMA Commercial Grade computed @ 145 lbs./ft³

PG 64 - 22

Millings computed @ 145 lbs./ft³

SS-1HP or approved alternate shall be used for Tack

Edge Wedge Rock (AS-1) @ 150 lbs./ft³

	Date: 8/20/2018 11:22 AM	KANSAS DEPARTMENT OF TRANSPORTATION
Saline Co.	PROJ. NO. 140- 85 KA 5084-01	TITLE: MILLWIDENOLEW

**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		2	
W3-4		2	
W3-5			
W8-11			
W14-3		2	
W20-1		4	
W20-4		2	
W20-5			
W20-7		4	
W21-5			
W8-15		2	
W8-15P	2		
G20-4			
KG20-5	8		
KM4-20			
KG20-2	4		
KI-104a			
KI-105a			

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
			75	

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

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

RECAPITULATION OF QUANTITIES 5/5		
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)	881.8	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"))	881.8	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 MODULES (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	HOUR

NOTES: Signs listed are for 1 typical flagger & pilot car set up. The contractor is responsible for providing all traffic control needed and is subsidiary to the traffic control LSUM item.

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

**TRAFFIC CONTROL
SUMMARY OF DEVICES
RECAPITULATION OF QUANTITIES**

TE795

FWHA APPROVAL	06/01/15	APP'D	Kristina Erickson
DESIGNED	B.A.H.	DETAILED	R.W.B.
DESIGN CK.	DETAIL CK.	QUAN. CK.	TRACE CK.