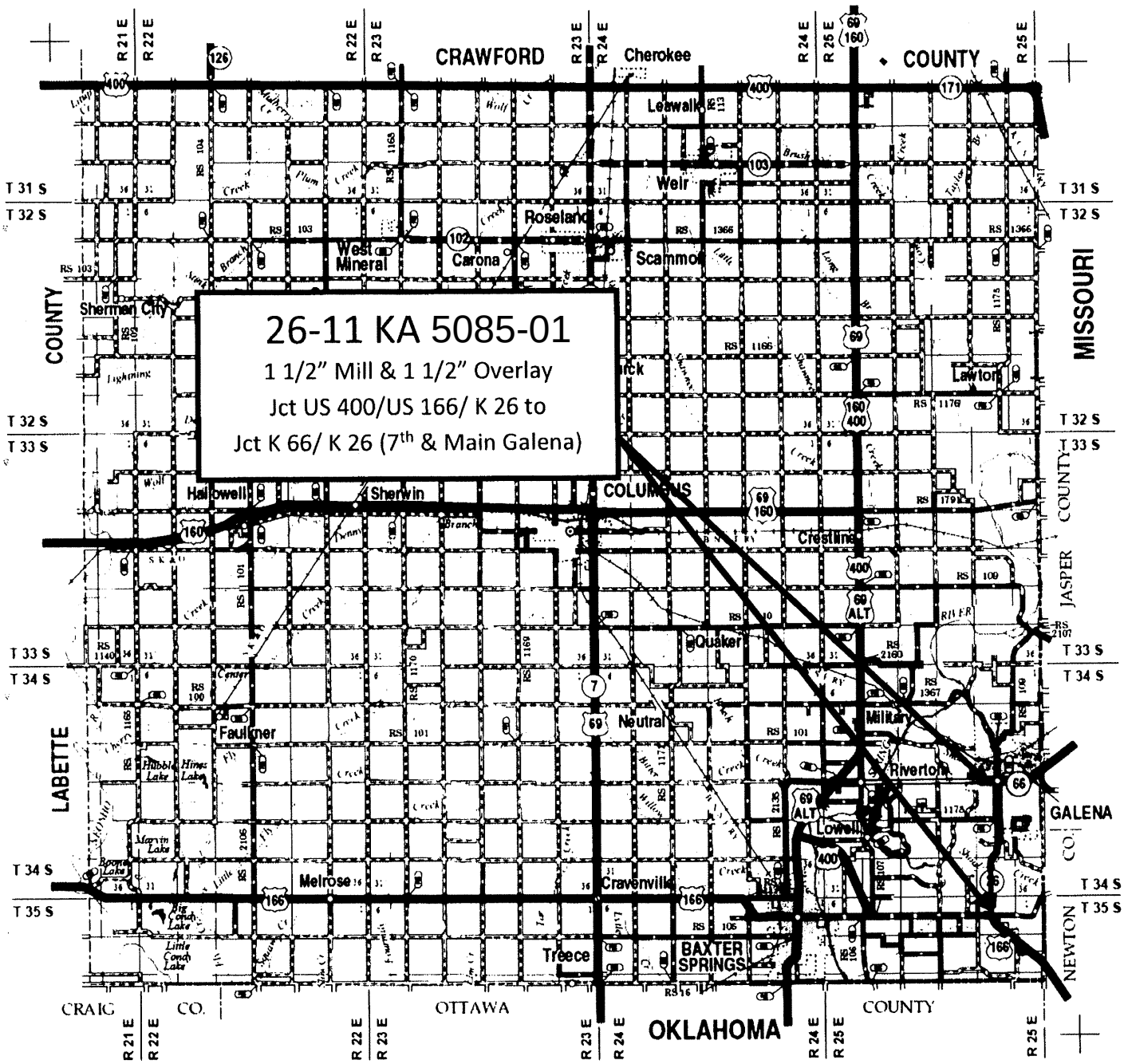


LEGEND

ROADS AND ROADWAY FEATURES

Primitive Road (Type A)
Unimproved Road (Type B)
Graded and Drained Road (Type C)
Soil Surfaced Road (Type D)
Gravel or Stone Road — Graded and Drained (Type E-2)
Projected Road
Bituminous Road — Low Type (Type F, G-1, H-1)
Paved Road (Type G-2, H-2, I, J, K, L)
Divided Highway
Highway With Full Control of Access and Interchange

ROAD SYSTEM DESIGNATION

Rural Secondary System — RS
Interstate Numbered Highway — 70
U.S. Numbered Highway — 40
State Highway System or State Numbered Highway — 20
End of Designated System or Marked Route — 36
Kansas Turnpike Authority — KTA — 187

RS SYSTEM REVISED TO APRIL 2, 2001

GENERAL HIGHWAY MAP

CHEROKEE COUNTY

KANSAS

PREPARED BY THE
KANSAS DEPARTMENT OF TRANSPORTATION
BUREAU OF TRANSPORTATION PLANNING
IN COOPERATION WITH THE
U. S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

SCALE IN MILES

SCALE IN KILOMETERS

2000

COMPUTER GENERATED

Kansas
Department of Transportation

General Notes

Project No. 26- 11 KA 5085-01

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.

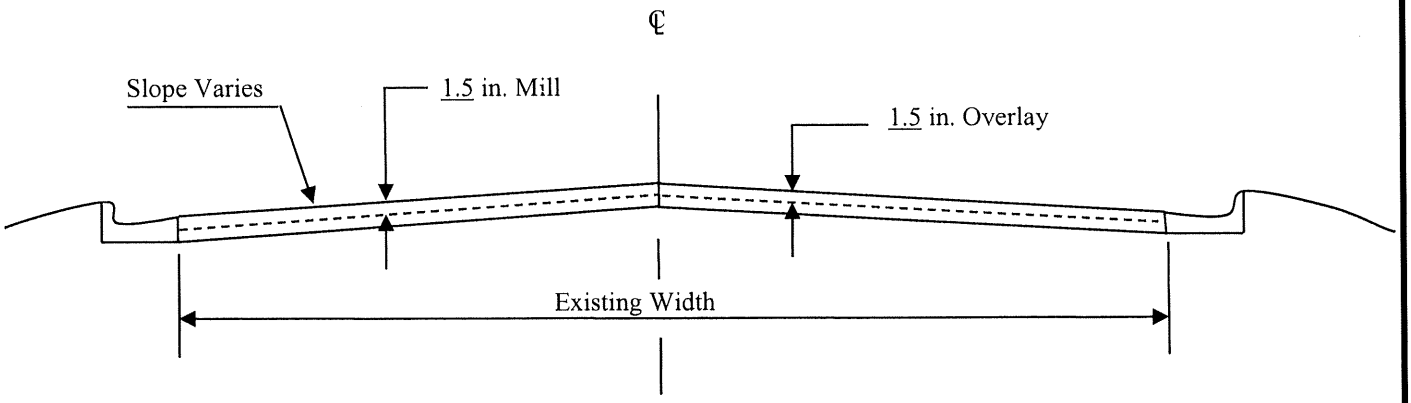
3 A small stockpile of material milled from the project is available for use in developing preliminary mix designs for bidding purposes. The stockpile is located at KDOT's mixing strip on US-166 1.5 miles east of Baxter Springs. The stockpile is located at the west end of the strip outside the fence and is marked with a sign noting the route and county (K26-11) from which the material was obtained. Contractors can obtain a sample at their convenience.

4 Contractor must mill and inlay any section of the 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.

5 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".

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.

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.
- 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 273+82 to 289+63	0.299	58			
Radius @ K-26/K-66 Jct.	0.008	Radii			

RATE OF APPLICATION

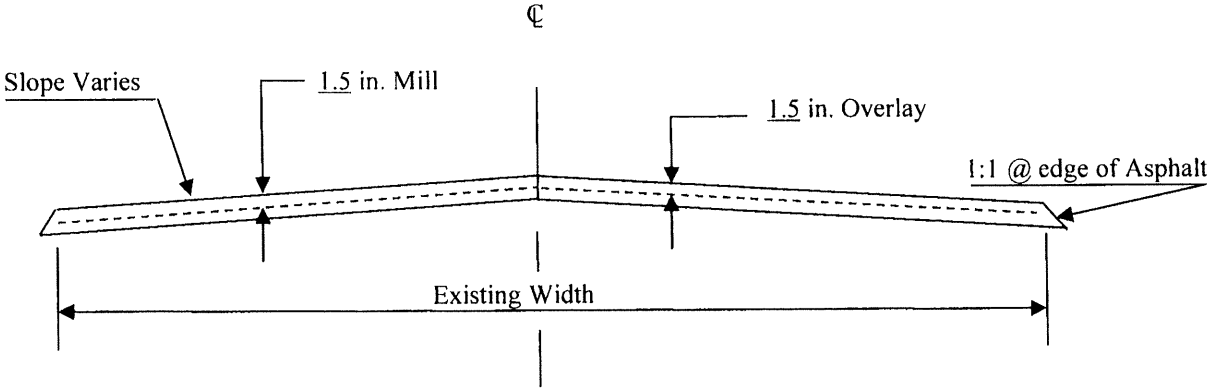
Quantity based on SR- 12.5A @ 0.816 T/yd^2

PG 64 - 22

SS-1HP @ 0.05 gal/yd^2

Millings Computed @ 145 lb/ft^3

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.
- 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
Bgn Sta 100+14 to 100+48	0.006	Radii	Sta 272+29 to 273+82	0.029	48
Sta 100+48 to 102+06	0.030	54-45			
Sta 100+16 -240' Lt, Acc Ramp	0.057	28			
Sta 102+06 to 103+38	0.025	70-60			
Sta 103+38 to 105+40	0.038	60-36			
Sta 105+40 to 151+29	0.869	28			
Sta 151+29 to 163+03 Br 094	0.222	30			
Sta 169+50 to 184+76 Br 094	0.289	30			
Sta 184+76 to 208+30	0.446	28			
Sta 208+30 to 232+79	0.464	32			
Sta 232+79 to 259+50	0.506	35			
Sta 259+50 to 259+74	0.005	35-42			
Sta 259+74 to 261+14	0.008	42			
Sta 261+14 to 261+34	0.004	42-35			
Sta 261+34 to 270+72	0.178	35			
Sta 270+72 to 270+96	0.006	35-39			
Sta 270+96 to 272+14	0.022	39			
Sta 272+14 to 272+29	0.002	39-48			

RATE OF APPLICATION

Quantity based on SR- 12.5A @ 0.816 T/yd^2

PG 64 - 22

SS-1HP @ 0.05 gal/yd^2

Millings Computed @ 145 lb/ft^3

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			
W13-1	4		
W1-4R		4	
G20-4			
W8-15		2	
W8-15p	2		
KG-20-2	8		
KG20-5	4		
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

REPLACEMENT MODULES (FOR INFO ONLY)	
F-200	
F-400	
F-700	
F-1400	
F-2100	
TEMP.IMPACT ATTENUATOR MODULES	
TL-2	
TL-3	
NOSE PIECE	

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'))	189.6	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		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: Quantities reflect 2 setups for signs & cones.

NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL
SUMMARY OF DEVICES
RECAPITULATION OF QUANTITIES

~~TE795~~

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