

KANSAS DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION LIST

PAGE: 1  
DATE: 10/11/18

STATE PROJECT NO: U160-019 KA 5087-01

STATE CONTRACT NO: 518116494

PREPARED DATE:

WAGE AREA: 1

REVISED DATE:

PRIMARY DISTRICT: 4

PRIMARY COUNTY: CRAWFORD

DESCRIPTION: MILLING AND HMA OVERLAY. U160 FR N US69 JCT E TO KS/MO STATE LI IN CR  
CO. LENGTH IS 4.840 MI

NOTE: THE FOLLOWING LIST OF SPECIAL PROVISIONS ARE FOR THIS PROJECT.  
OMISSION OF ALL OR PART OF A SPECIAL PROVISION IN THE ATTACHED  
PROPOSAL (CONTRACT) DOES NOT RELIEVE THE CONTRACTOR OF THE  
RESPONSIBILITY FOR OBTAINING THE COMPLETE PROVISION AS LISTED.

PROVISION NO. DESCRIPTION

---

08-31-09-R01	REQUIRED CONTRACT PROVISION-EMULSIFIED ASPHALT ADJUSTMENT
08-10-66-R05	REQUIRED CONTRACT PROVISION-NONCOLLUSION / HISTORY-DEBARMENT
04-30-82-R07	REQUIRED CONTRACT PROVISION-FINANCIAL PREQUALIFICATION
08-04-92-R03	REQUIRED CONTRACT PROVISION-CONTRACTUAL SERVICES-LEGISLATOR
06-01-06-R01	REQUIRED CONTRACT PROVISION-PRICE ADJUSTMENT FOR ASPHALT
11-15-96-R05	REQUIRED CONTRACT PROVISION-EEO REQUIREMENT
07-01-17-R1	REQUIRED CONTRACT PROVISION - BOYCOTT OF ISRAEL PROHIBITED
01-01-11-R01	REQUIRED CONTRACT PROVISION-TAX CLEARANCE CERTIFICATE
KS180019	MINIMUM WAGE RATE (AREA 1)
03-01-18	POLICY AGAINST SEXUAL HARASSMENT
15-ER-1-R14	ERRATA SHEET FOR STD SPEC BOOK FOR RD & BR CONST, 2015 ED
15-01003	REQUIRED CONTRACT PROVISIONS KS FUNDED CONST CONTRACTS
15-01009	ASPHALT ADJUSTMENT
15-01010	EMULSIFIED ASPHALT ADJUSTMENT
15-01011-R06	ENVIRONMENTAL CONCERNS - MIGRATORY BIRD TREATY ACT
15-01012-R01	SEASONAL LIMITATIONS
15-01016-R02	PROSECUTION AND PROGRESS
15-01019	CONTROL OF WORK
15-01021-R01	BIDDING REQUIREMENTS AND CONDITIONS
15-01022	SCOPE OF WORK
15-06006-R01	ASPHALT PAVEMENT SMOOTHNESS
15-06007-R01	HOT MIX ASPHALT CONSTRUCTION QC/QA
15-08001-R03	WORK ZONE TRAFFIC CONTROL AND SAFETY (FOR 1R'S)
15-11002-R01	AGGREGATE FOR HMA
15-12001	GENERAL REQUIREMENT DIVISION 1200
15-17004-R01	RELEASE COMPOUND FOR ASPHALT MIXES
15-22001-R01	THERMOPLASTIC
15-22003	MULTI - COMPONENT LIQUID PAVEMENT MARKING MATERIAL
15-22005-R01	IMAGE SYSTEMS
15-22006	RETROREFLECTIVE SHEETING
15-25001-R06	PART V
15-25002	CONSTRUCTION MANUAL - PART V
15-26001-R06	MATERIALS CERTIFICATIONS
15-MR0201	MODIFIED REQUIREMENTS - ASPHALT MIXTURES
15-PS0018	COMBINATION, TIED BIDS ON 1R PROJECTS WITH FEDERAL-AID FUNDS

KANSAS DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION LIST

PAGE: 2  
DATE: 10/11/18

STATE PROJECT NO: U160-019 KA 5087-01

STATE CONTRACT NO: 518116494

PREPARED DATE:

WAGE AREA: 1

REVISED DATE:

PRIMARY DISTRICT: 4

PRIMARY COUNTY: CRAWFORD

DESCRIPTION: MILLING AND HMA OVERLAY. U160 FR N US69 JCT E TO KS/MO STATE LI IN CR  
CO. LENGTH IS 4.840 MI

NOTE: THE FOLLOWING LIST OF SPECIAL PROVISIONS ARE FOR THIS PROJECT.  
OMISSION OF ALL OR PART OF A SPECIAL PROVISION IN THE ATTACHED  
PROPOSAL (CONTRACT) DOES NOT RELIEVE THE CONTRACTOR OF THE  
RESPONSIBILITY FOR OBTAINING THE COMPLETE PROVISION AS LISTED.

PROVISION NO. DESCRIPTION

15-PS0074 MASTIC SURFACE TREATMENT  
15-RF0105 RAILROAD FLAGGING REQUIREMENTS

END OF SPECIAL PROVISION LIST









Gray.....	\$ 13.71	0.00
Ki ngman.....	\$ 13.04	0.00
Ottawa, Saline.....	\$ 14.92	0.00
Remai ni ng Counti es.....	\$ 11.75	0.00
Thomas.....	\$ 12.20	0.00
Trego.....	\$ 11.66	0.00
POWER EQUIPMENT OPERATOR: (ROTARY BROOM)		
Fi nney, Kearny.....	\$ 10.71	0.00
Marshall.....	\$ 11.98	0.00
Mcpherson.....	\$ 12.34	0.00
Remai ni ng Counti es.....	\$ 10.25	0.00
Sherman.....	\$ 12.62	0.00
POWER EQUIPMENT OPERATOR: (ROTOMILL)		
Chase, Fi nney, Kearny, Lyon, Ottawa, Saline.....	\$ 16.15	0.00
Remai ni ng Counti es.....	\$ 16.09	0.00
POWER EQUIPMENT OPERATOR: (SKI DSTEER LOADER)		
Chase, Lyon, Ottawa, Saline.....	\$ 16.62	3.62
Fi nney, Kearny.....	\$ 14.68	0.00
Remai ni ng Counti es.....	\$ 14.60	0.00
Sherman.....	\$ 13.12	1.34
POWER EQUIPMENT OPERATOR: (SPREADER BOX SELF-PROPELLED)		
Chase, Lyon, Ottawa, Saline.....	\$ 12.91	0.00
Fi nney, Kearny.....	\$ 12.99	0.00
Remai ni ng Counti es.....	\$ 13.07	0.00
POWER EQUIPMENT OPERATOR: (TRACTOR)		
Chase, Lyon, Ottawa, Saline.....	\$ 13.49	0.00
Cowl ey.....	\$ 11.57	0.00
Fi nney, Kearny.....	\$ 13.45	0.00
Ki ngman.....	\$ 13.25	0.00
Meade.....	\$ 12.94	0.00
Remai ni ng Counti es.....	\$ 13.50	0.00
Servi ceman (equi pment).....	\$ 16.33	1.74
TRUCK DRIVER (HEAVY DUTY, OFF-ROAD)		
Chase, Lyon, Ottawa, Saline.....	\$ 15.10	0.00
Fi nney, Kearny.....	\$ 15.26	0.00
Remai ni ng Counti es.....	\$ 15.78	0.00
TRUCK DRIVER (SINGLE AXLE)		
Chase, Lyon, Ottawa, Saline.....	\$ 15.15	0.00
Coffey.....	\$ 17.50	2.80
Fi nney, Kearny.....	\$ 15.13	0.00
Remai ni ng Counti es.....	\$ 15.10	0.00
TRUCK DRIVER (TANDEM)		
Chase.....	\$ 13.53	0.00
Fi nney, Kearny.....	\$ 14.39	0.00

Ford.....	\$ 13.96	0.00
Gray.....	\$ 13.50	0.00
Kingman.....	\$ 14.56	1.45
Lyon.....	\$ 13.73	0.00
Ottawa, Saline.....	\$ 13.57	0.00
Remaining Counties.....	\$ 12.97	0.00
Reno.....	\$ 13.75	0.00
Sherman.....	\$ 13.35	0.00
Washington.....	\$ 13.55	0.00

TRUCK DRIVER (TRIPLE AXLE and SEMI)

Chase, Lyon.....	\$ 17.56	0.00
Finney, Kearny.....	\$ 14.49	0.00
Gray.....	\$ 16.09	1.12
Ottawa, Saline.....	\$ 17.09	0.00
Remaining Counties.....	\$ 14.48	0.00
Reno.....	\$ 16.09	8.51
Sherman.....	\$ 15.87	2.49

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

=====  
Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at [www.dol.gov/whd/govcontracts](http://www.dol.gov/whd/govcontracts).

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

-----  
The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate



(weighted union average rate).

#### Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

#### Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

#### Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

-----

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- \* an existing published wage determination
- \* a survey underlying a wage determination
- \* a Wage and Hour Division letter setting forth a position on a wage determination matter
- \* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations  
Wage and Hour Division  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board  
U.S. Department of Labor  
200 Constitution Avenue, N.W.  
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

=====

END OF GENERAL DECISION

**KANSAS DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION TO THE  
STANDARD SPECIFICATIONS, EDITION 2015**

**SECTION 602**

**MODIFIED REQUIREMENTS – ASPHALT MIXTURES**

**Project Number:** 160-19 KA-5087-01

**Page 600-7, TABLE 602-1, delete note 4 and replace with the following:**

4. The target air voids ( $V_a$ ) for any mix designation shall be 3.0% at  $N_{des}$  gyrations.

**Page 600-7, TABLE 602-1, delete note 6 and replace with the following:**

6. The level of compaction of the mix when compacted to  $N_{ini}$  gyrations shall be less than the percent of the  $G_{mm}$  shown in the Contract Special Provision, and when compacted to  $N_{max}$  gyrations shall be a maximum of 98.5% of the  $G_{mm}$ .

**Page 600-7, TABLE 602-1, add the following note:**

7. For mixes containing recycled asphalt shingles (RAS), increase the minimum VMA requirement in **TABLE 602-1** by 0.1 percent for every 1 percent RAS (by weight of aggregate) in the JMF.

**Page 600-16, TABLE 602-12, change the Single Test Value for Air Voids @  $N_{des}$  gyrations to  $\pm 1.0\%$ .**

**Page 600-26, 602.9d(1), change the upper specification limit, USL, for  $V_a$  to 4.00% and the lower specification limit, LSL, for  $V_a$  to 2.00%.**

**Page 600-27, TABLE 602-16, change the Upper Specification Limit, USL, to 4.50% and change the Lower Specification Limit, LSL, to 1.50%.**

The asphalt mix listed in **TABLE 1** has the following project mix requirements. [Reference **TABLE 602-1, COMBINED AGGREGATE REQUIREMENTS**].

**TABLE 1: PROJECT MIX REQUIREMENTS**

MIX CRITERIA	SR-12.5A (PG70-28) <sup>(1)</sup>
<b>AGGREGATE:</b>	
Coarse Angularity (min. %)	75
Uncompacted Voids-Fine (min. %)	42
Sand Equivalent (min. %)	40
Reclaimed Asphalt Pavement (RAP) (max. %)	25
RAP Bulk Specific Gravity	2.533
<b>COMPACTION REVOLUTIONS:</b>	
$N_{ini}$ (level of compaction)	7 ( $\leq 91.5$ )
$N_{des}$	75
$N_{max}$	115
<b>MIX:</b>	
VFA	65 - 82

<sup>(1)</sup> Between 0 and 25% RAP may be used. Use the material milled from the project as the RAP source. The required binder and name shown below are based on the percent RAP used in the contract. The mix will be paid for at the bid price of SR-12.5A (PG70-28).

Percent RAP	Name
0	SM-12.5A (PG70-28)
1 - 15	SR-12.5A (PG70-28)
16 - 25	SR-12.5A (PG64-34)

Mix properties are for a 20 year design lane traffic range of 0.3 to less than 3 million ESALs.  
10/4/18 C&M (BTH)

MODIFIED REQUIREMENTS – ASPHALT MIXTURES  
PROJECT SPECIAL PROVISIONS INDEX PAGE

NOVEMBER 2018 LETTING

SPEC #	PROJECT #
15-MR0185	3-6 KA-5088-01
15-MR0186	23-28 KA-5056-01
15-MR0187	24-15 KA-3239-01 (base lift)
15-MR0188	24-15 KA-3239-01 (surface lift)
15-MR0189	26-11 KA-5085-01
15-MR0190	39-6 KA-5089-01
15-MR0191	39-67 KA-5091-01
15-MR0192	54-8 KA-5092-01
15-MR0193	54-87 KA-5093-01
15-MR0194	63-66 KA-4608-01
15-MR0195	63-66 KA-5058-01
15-MR0196	71-66 KA-5057-01
15-MR0197	140-27 KA-5083-01
15-MR0198	140-85 KA-5084-01
15-MR0199	156-28 KA-5054-01
15-MR0200	156-28 KA-5055-01
15-MR0201	160-19 KA-5087-01
15-MR0202	169-63 KA-2374-01
15-MR0203	171-11 KA-5086-01
15-MR0204	283-106 KA-4967-01 (SR-12.5A)
15-MR0205	283-106 KA-4967-01 (SR-19A)

I prepared the project special provisions listed above.



Blair T. Heptig  
Kansas No. 21462

**KANSAS DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION TO THE  
STANDARD SPECIFICATIONS, EDITION 2015**

**COMBINATION, TIED BIDS ON 1R PROJECTS WITH FEDERAL-AID FUNDS**

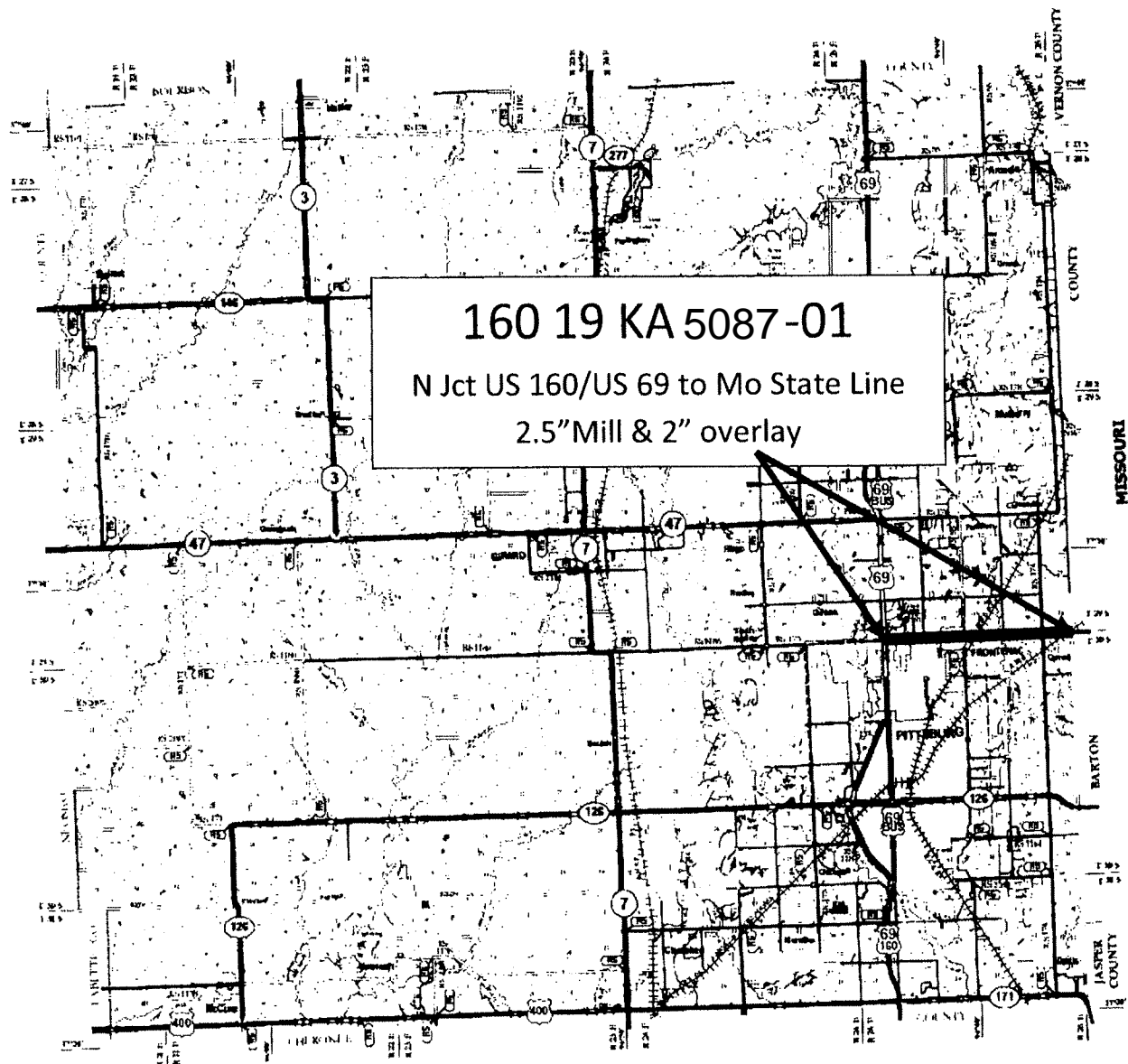
**SECTION 102**

**BIDDING REQUIREMENTS AND CONDITIONS**

**Page 100-13, subsection 102.5. Delete subsection 102.5a.(2)(f) and replace with the following:**

(f) Kansas-funded state projects “tied to” Federal-Aid funded state projects and Kansas-funded state projects “tied with” Federal-Aid funded state projects.

10-10-17 C&M  
Oct-17 Letting



160 19 KA 5087-01  
 N Jct US 160/US 69 to Mo State Line  
 2.5" Mill & 2" overlay

**LEGEND**

ROADS AND ROADWAY FEATURES	ROADS BY FUNCTION
Controlled Access - Interstate	Post Secondary System
Controlled Access - RTA	Interstate Numbered Highway
US Route - Limited	US Numbered Highway
US Route - Unimproved	State Highway System or State Numbered Highway
State Route - Limited	Local of Classifications System or Market Road
State Route - Unimproved	County - Local Authority
RD Route - Paved	
RD Route - Unimproved	
Minor Road - Paved	
Minor Road - Stone or Gravel	
Minor Road - Dirt	

LAMBERT CONFORMAL CONIC PROJECTION

RS SYSTEM REVISED TO AUGUST 30, 2005

GENERAL HIGHWAY MAP  
**CRAWFORD 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

Miles

AUGUST, 2007  
 COMPUTER GENERATED



## General Notes

9/13/2018

Page 1 of 1

---

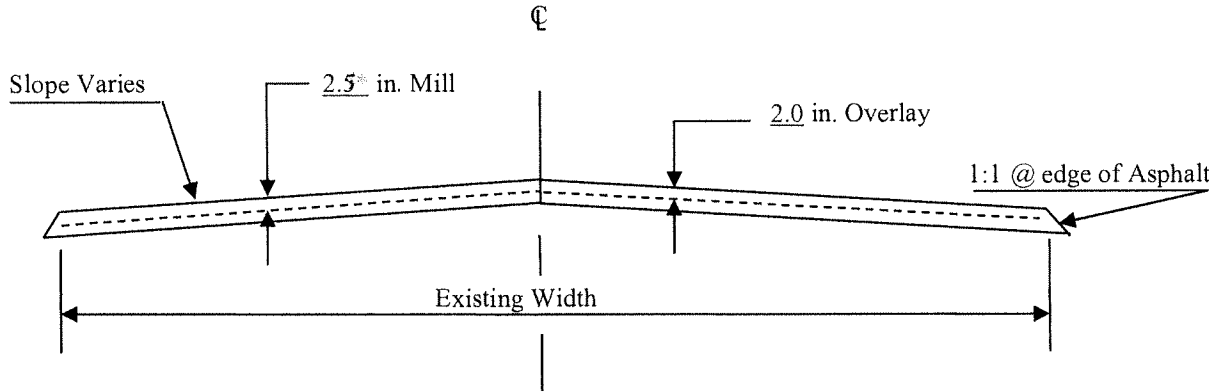
Project No. 160- 19 KA 5087-01

### 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 Pittsburg mixing strip on US 69 just north of the Kansas Crossing Casino. The stock pile is located on the west side of the strip. Two piles are present at that location. The north pile is from US-160 and is marked with a sign noting the route and county (160-19) 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 2 ½" nominal depth (2.0" in curb and gutter section) 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 2 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.
- 7 Milling thickness shall be adjusted at bridge approaches and grade crossings to allow a reasonable transition.



**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
100+00-105+41 Trans to 2 In	0.102	48-24	309+61-312+07 Widening	0.047	0-12
105+41-134+42	0.549	24	311+07-315+13 Widening	0.058	12
134+42-137+42 Trans to c&g	0.057	24-48	315+13-317+59 Widening	0.047	12-0
See Typ Section for C & G	-	-	317+59-352+48	0.661	24
166+19-171+04 Trans out c&g	0.092	48-24			
171+04-198+84	0.526	24			
198+84-201+30 Widening	0.047	0-12			
201+30-205+24 Widening	0.075	12			
205+24-207+70 Widening	0.047	12-0			
198+84-209+42	0.200	24			
201+45-203+91 Widening	0.047	0-12			
203+91-206+96 Widening	0.058	12			
206+96-209+42 Widening	0.047	12-0			
209+42-307+00	1.848	24			
307+00-309+46 Widening	0.047	0-12			
309+46-313+38	0.074	12			
313+38-315+84 Widening	0.047	12-0			
307+00-317+59	0.201	24			

**RATE OF APPLICATION**

Quantity based on SR- 12.5A @0.1088 T/yd<sup>2</sup>

PG 70 - 28

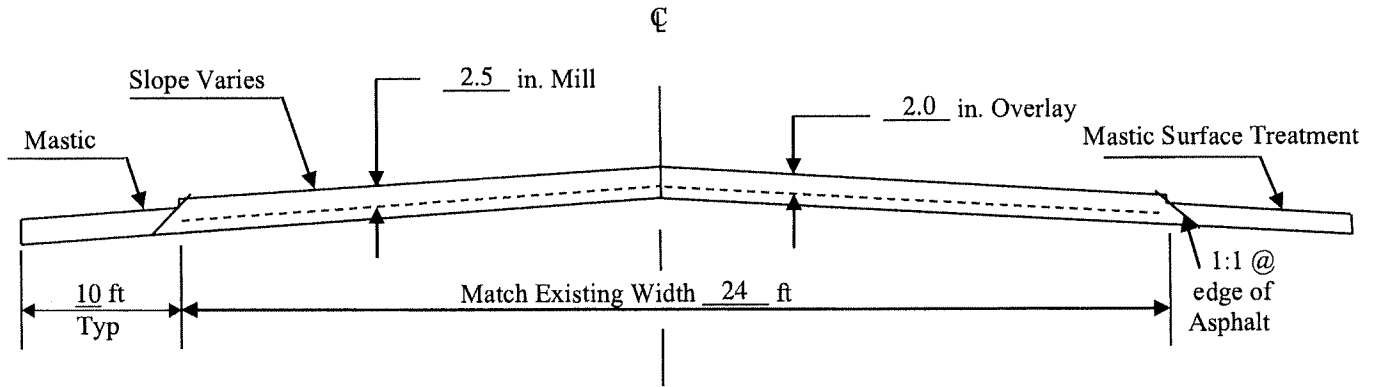
SS-IHP @ 0.05 gal/yd<sup>2</sup>

Millings Computed @ 145 lb/ft<sup>3</sup>

	Date: 9/7/2018 8:54 AM	<b>KANSAS DEPARTMENT OF TRANSPORTATION</b>
<b>Crawford Co.</b>	<b>PROJ. NO.160-19 KA 5087-01</b>	<b>TITLE: MILLOL</b>



**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.

**ROADWAY WIDTHS**

Location	mile	Approx. Width	Location	mile	Approx. Width
Mastic Surface treatment applied to all shoulders not included in mill & overlay action.					
Mastic Surface Treatment					
Sta. 100+00 to 134+42	0.652	10 ft.			
Sta. 134+42 to 137+42 (begin C&G)	0.057	10 - 0 ft.			
Sta. 166+19 (end C&G) to 171+04	0.092	0 - 10 ft.			
Sta. 171+04 to 352+48	3.436	10 ft.			

**RATE OF APPLICATION**

Mastic Surface Treatment:  
2 Applications - Total 0.25 gal/SqYd





<b>RECAPITULATION OF QUANTITIES</b>		
<b>ITEMS</b>	<b>TOTAL</b>	<b>UNITS</b>
PAVEMENT MARKING (MULTI-COMPONENT)(WHITE)(4")		Inft
PAVEMENT MARKING (MULTI-COMPONENT)(WHITE)(6")	51,708	Inft
PAVEMENT MARKING (MULTI-COMPONENT)(WHITE)(8")		Inft
PAVEMENT MARKING (MULTI-COMPONENT)(WHITE)(12")		Inft
PAVEMENT MARKING (MULTI-COMPONENT)(YELLOW)(4")	24,693	Inft
PAVEMENT MARKING (MULTI-COMPONENT)(YELLOW)(6")		Inft
PAVEMENT MARKING (MULTI-COMPONENT)(YELLOW)(12")	200	Inft
PAVEMENT MARKING (THERMOPLASTIC)(WHITE)(4")		Inft
PAVEMENT MARKING (THERMOPLASTIC)(WHITE)(6")		Inft
PAVEMENT MARKING (THERMOPLASTIC)(WHITE)(8")		Inft
PAVEMENT MARKING (THERMOPLASTIC)(WHITE)(12")		Inft
PAVEMENT MARKING (THERMOPLASTIC)(YELLOW)(4")		Inft
PAVEMENT MARKING (THERMOPLASTIC)(YELLOW)(6")		Inft
PAVEMENT MARKING (THERMOPLASTIC)(YELLOW)(12")		Inft
PAVEMENT MARKING (EPOXY)(WHITE)(4")		Inft
PAVEMENT MARKING (EPOXY)(WHITE)(6")		Inft
PAVEMENT MARKING (EPOXY)(WHITE)(8")		Inft
PAVEMENT MARKING (EPOXY)(WHITE)(12")		Inft
PAVEMENT MARKING (EPOXY)(YELLOW)(4")		Inft
PAVEMENT MARKING (EPOXY)(YELLOW)(6")		Inft
PAVEMENT MARKING (EPOXY)(YELLOW)(12")		Inft
PAVEMENT MARKING (INTERSECTION GRADE) (WHITE) (12")		Inft
PAVEMENT MARKING (INTERSECTION GRADE)(WHITE)(24")	65	Inft
PAVEMENT MARKING (INTERSECTION GRADE)(YELLOW)(12")		Inft
PAVEMENT MARKING SYMBOL (INTERSECTION GRADE) (WHITE) (R/R XING)		EACH
PAVEMENT MARKING SYMBOL (INTERSECTION GRADE) (WHITE) (Lt Turn Arrow)	13	EACH
PAVEMENT MARKING SYMBOL (INTERSECTION GRADE) (WHITE) (Rt Turn Arrow)	7	EACH
PAVEMENT MARKING SYMBOL (INTERSECTION GRADE) (WHITE) ( ONLY )		EACH
PAVEMENT MARKING SYMBOL (INTERSECTION GRADE) (WHITE) (Rt/Thru Arrow)		EACH
PAVEMENT MARKING REMOVAL	3,348	Inft

**NOTE:**

WORDS & SYMBOLS SHALL CONFORM TO THE LATEST EDITION OF "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKINGS" PRINTED BY THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION.

PRIOR TO COMMENCEMENT OF PAVEMENT MARKING WORK THE ENGINEER WILL ESTABLISH THE LIMITS FOR "NO PASSING" ZONES. THESE LIMITS SHALL BE USED FOR THE LOCATION OF " NO PASSING" LINES AND FOR THE COMPUTATION OF ACTUAL MARKING QUANTITIES FOR THIS LINE TYPE

**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 here 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'))	252.5	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: 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>				
TE796				
FHWA APPROVAL		06/01/15	APP'D Kristina Erickson	
DESIGNED	B.A.H.	DETAILED	R.W.B.	QUANTITIES
DESIGN CK.		DETAIL CK.		QUAN. CK.
				TRACED
				TRACE CK.

CRAWFORD Co.

Proj. No. 160-19 KA 5087-01

Title: