

KANSAS DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION LIST

PAGE: 1
DATE: 12/11/18

STATE PROJECT NO: U169-063 KA 5116-01

STATE CONTRACT NO: 519016494

PREPARED DATE:

WAGE AREA: 1

REVISED DATE:

PRIMARY DISTRICT: 4

PRIMARY COUNTY: MONTGOMERY

DESCRIPTION: MILLING AND HMA OVERLAY. US-169 FR 5.009 MI N OF E US-166 JCT N TO MG/LB
CO LI. LENGTH IS 17.33 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

08-10-66-R05	REQUIRED CONTRACT PROVISION-NONCOLLUSION / HISTORY-DEBARMENT
08-31-09-R01	REQUIRED CONTRACT PROVISION-EMULSIFIED ASPHALT ADJUSTMENT
04-30-82-R07	REQUIRED CONTRACT PROVISION-FINANCIAL PREQUALIFICATION
08-04-92-R03	REQUIRED CONTRACT PROVISION-CONTRACTUAL SERVICES-LEGISLATOR
10-10-00-R08	REQUIRED CONTRACT PROVISION-PRICE ADJUSTMENT FOR FUEL
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
KS190019	MINIMUM WAGE RATE (AREA 1)
03-01-18	POLICY AGAINST SEXUAL HARASSMENT
15-ER-1-R15	ERRATA SHEET FOR STD SPEC BOOK FOR RD & BR CONST, 2015 ED
15-01003	REQUIRED CONTRACT PROVISIONS KS FUNDED CONST CONTRACTS
15-01008-R01	FUEL ADJUSTMENT
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-R02	RELEASE COMPOUND FOR ASPHALT MIXES
15-22001-R01	THERMOPLASTIC
15-22003-R01	MULTI - COMPONENT LIQUID PAVEMENT MARKING MATERIAL
15-22004-R02	PAVEMENT MARKING PAINT
15-22005-R01	IMAGE SYSTEMS
15-22006	RETROREFLECTIVE SHEETING
15-22008	PREFORMED THERMOPLASTIC PAVEMENT MARKING MATERIAL
15-25001-R06	PART V

KANSAS DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION LIST

PAGE: 2
DATE: 12/11/18

STATE PROJECT NO: U169-063 KA 5116-01

STATE CONTRACT NO: 519016494

PREPARED DATE:

WAGE AREA: 1

REVISED DATE:

PRIMARY DISTRICT: 4

PRIMARY COUNTY: MONTGOMERY

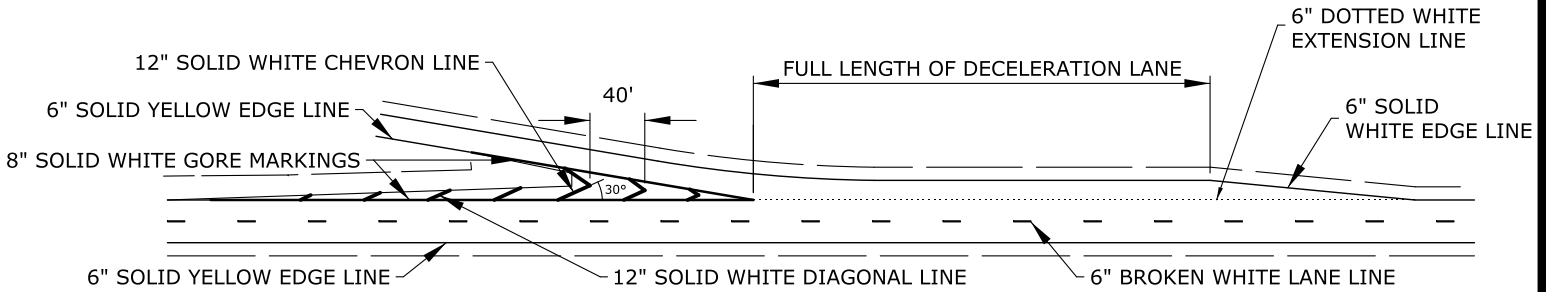
DESCRIPTION: MILLING AND HMA OVERLAY. US-169 FR 5.009 MI N OF E US-166 JCT N TO MG/LB
CO LI. LENGTH IS 17.33 MI.

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.

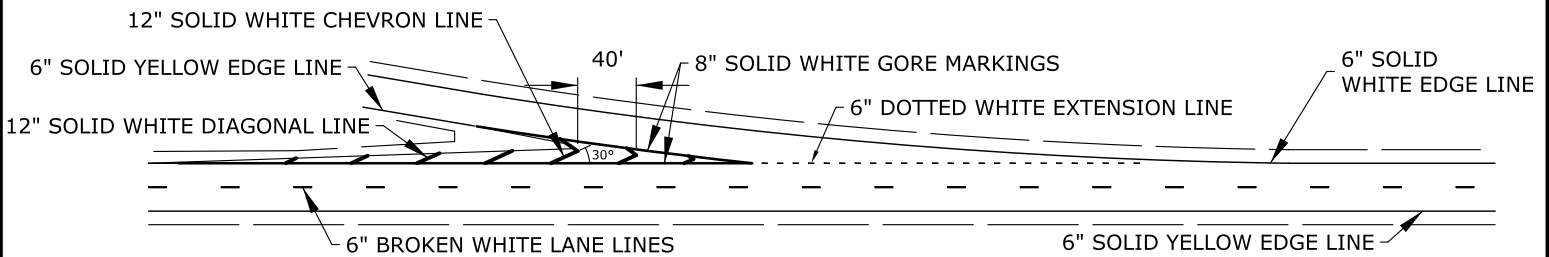
PROVISION NO. DESCRIPTION

15-25002	CONSTRUCTION MANUAL - PART V
15-26001-R07	MATERIALS CERTIFICATIONS
15-MR0218	MODIFIED REQUIREMENTS – ASPHALT MIXTURES
15-PS0018	COMBINATION, TIED BIDS ON 1R PROJECTS WITH FEDERAL-AID FUNDS
15-PS0074	MASTIC SURFACE TREATMENT
15-RF0111	RAILROAD FLAGGING REQUIREMENTS

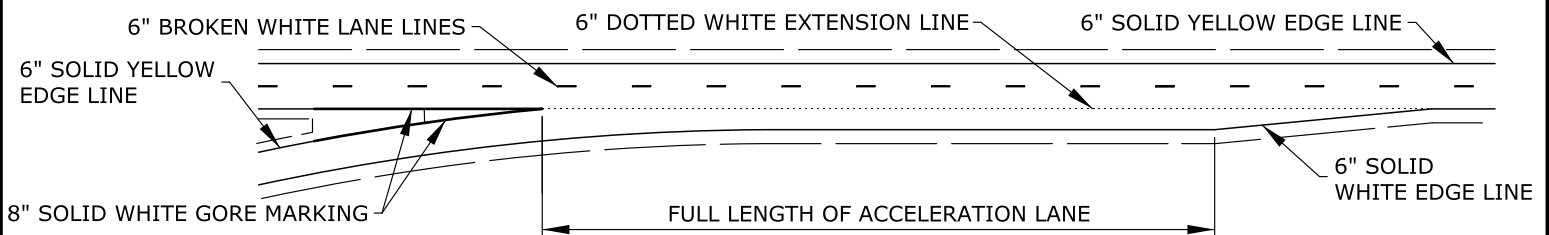
END OF SPECIAL PROVISION LIST



TYPICAL DECELERATION EXIT RAMP



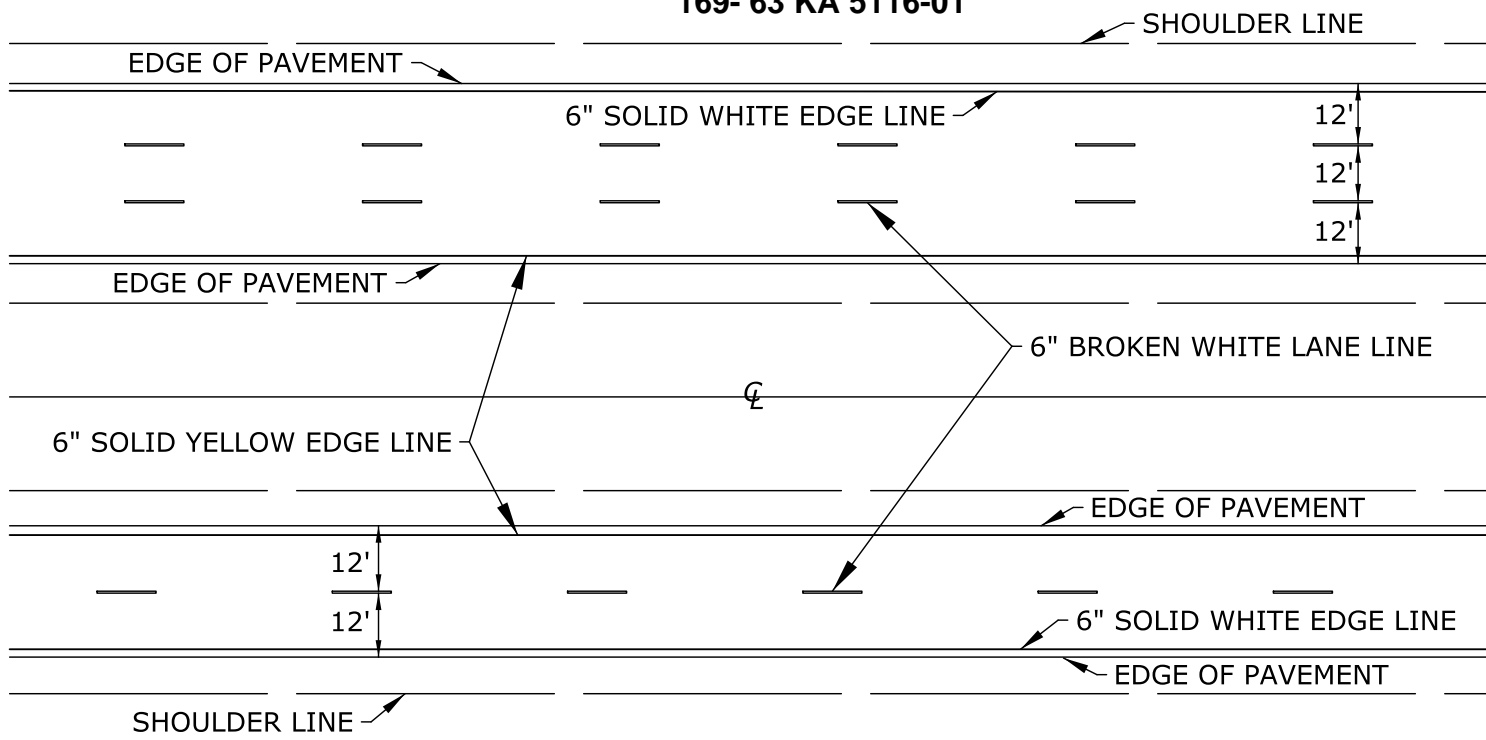
TYPICAL TAPERED EXIT RAMP



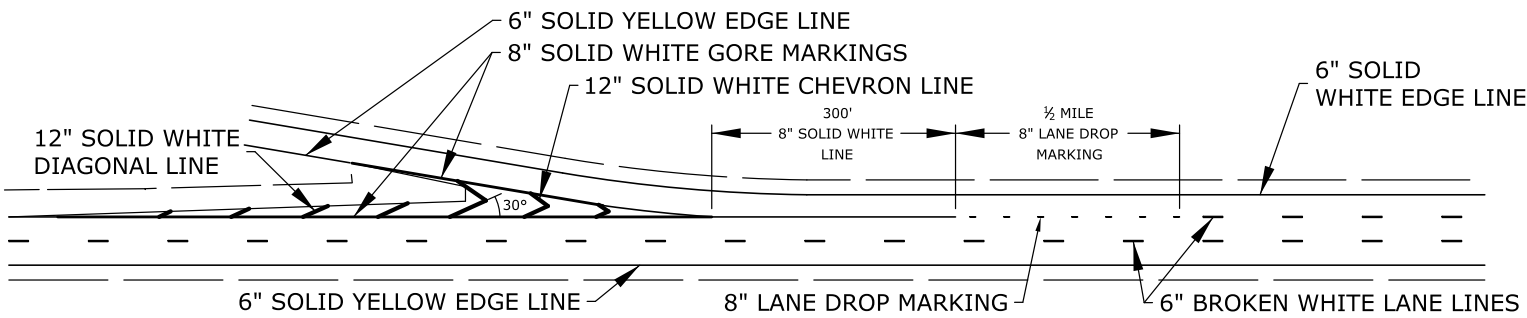
TYPICAL ACCELERATION RAMP

NO.	DATE	REVISIONS	BY	APP'D
2	5/25/02	Dotted Extension Lines and Lane Drop Lines	B.A.H.	B.D.G.
1	7/26/05	New FHWA Approval Date	J.F.F.	B.D.G.

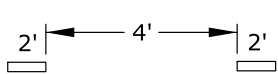
KANSAS DEPARTMENT OF TRANSPORTATION TYPICAL PAVEMENT MARKING DETAILS FOR MULTI-LANE DIVIDED ROADWAYS				
TE307	FHWA APPROVAL	5/25/2002	JAPPD	Brian D. Gower
DESIGNED	J.F.F.	QUANTITIES	J.F.F.	TRACED
DESIGN CK.	B.D.G.	DETAIL CK.	B.D.G.	QUAN. CK.
				TRACE CK.



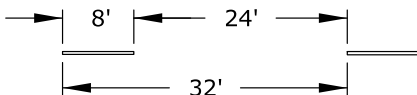
TYPICAL LANE LINE AND EDGE LINE MARKINGS FOR FOUR LANE AND SIX LANE DIVIDED HIGHWAYS



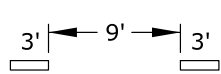
TYPICAL LANE DROP



TYPICAL SPACING FOR DOTTED EXTENSION LINES, UNLESS OTHERWISE NOTED ON PLANS.



TYPICAL SPACING FOR BROKEN LINES UNLESS OTHERWISE NOTED ON PLANS.



TYPICAL SPACING FOR LANE DROP. UNLESS OTHERWISE NOTED ON PLANS.

NOTE:
LONGITUDINAL PAVEMENT MARKING LINES SHALL BE OFFSET A MINIMUM OF 2" FROM LONGITUDINAL PAVEMENT JOINTS.

NOTE:
AT RAMP TERMINALS WITH CROSS-ROADS, WRAP 6" EDGE LINES AROUND RADII.

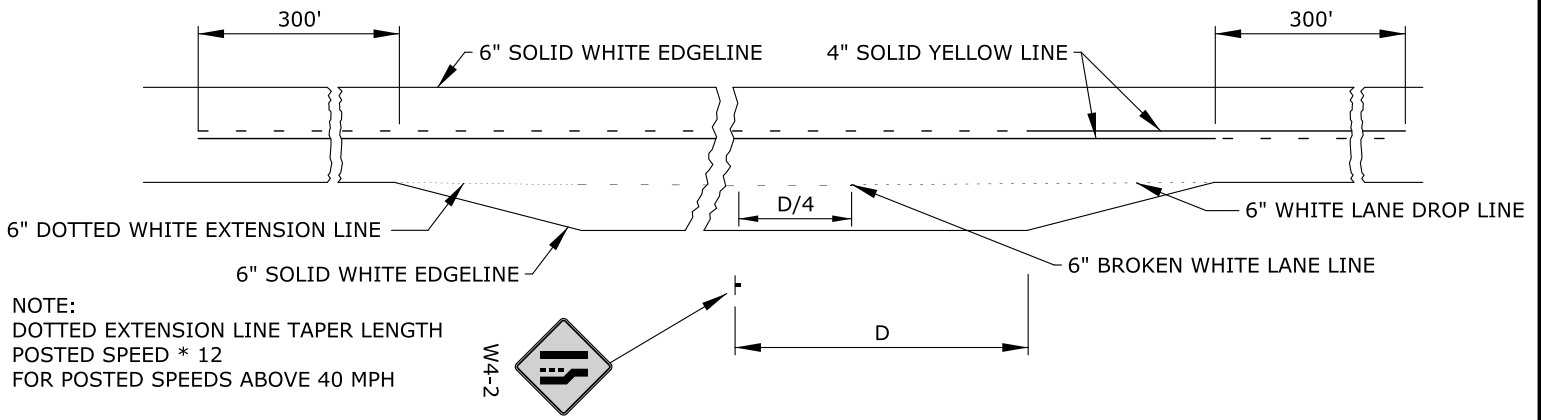
NOTE:
ON NON I, US, AND K ROUTES, 4" EDGE LINES MAY BE INSTALLED.
6" EDGE LINES ARE NOT REQUIRED ON NON I, US, AND K ROUTES.

2	5/25/02	Dotted Extension Lines and Lane Drop Lines	B.A.H.	B.D.G.
1	7/26/05	New FHWA Approval Date	J.F.F.	B.D.G.
NO.	DATE	REVISIONS	BY	APP'D

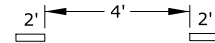
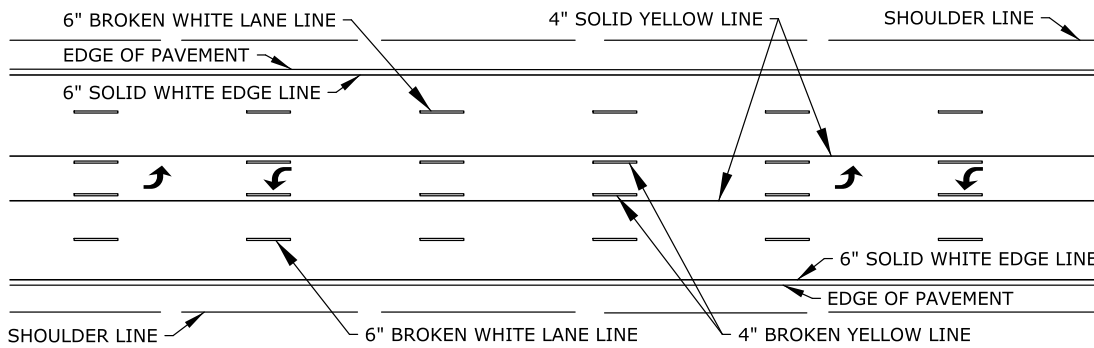
KANSAS DEPARTMENT OF TRANSPORTATION
TYPICAL PAVEMENT MARKING DETAILS FOR MULTI-LANE DIVIDED ROADWAYS

TE307

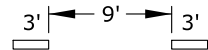
FHWA APPROVAL	5/25/2002	APP'D	Brian D. Gover
DESIGNED	J.F.F./D.E.T.A.L.	J.F.F. QUANTITIES	TRACED
DESIGN CK.	B.D.G./D.E.T.A.L. CK.	B.D.G./QUAN. CK.	TRACE CK.



TYPICAL MARKING FOR AUXILIARY PASSING LANE

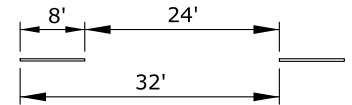
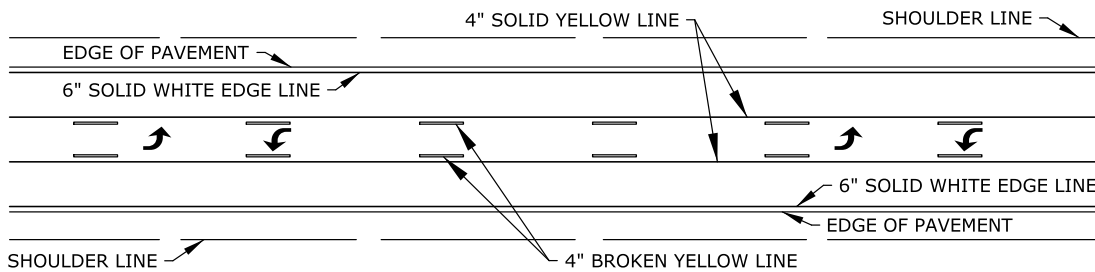


TYPICAL SPACING FOR DOTTED EXTENSION LINES, UNLESS OTHERWISE NOTED ON PLANS.



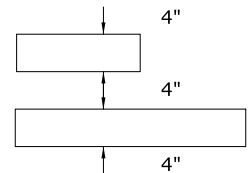
TYPICAL SPACING FOR LANE DROP. UNLESS OTHERWISE NOTED ON PLANS.

TWO-WAY LEFT TURN DETAIL FOR FIVE LANE ROADWAY

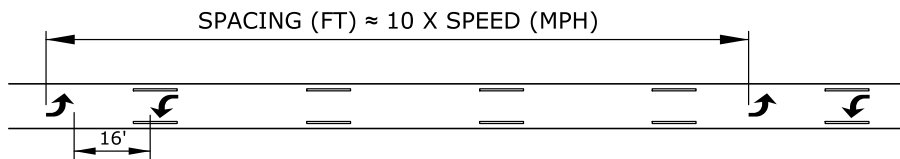


TYPICAL SPACING FOR BROKEN LINES UNLESS OTHERWISE NOTED ON PLANS

TWO-WAY LEFT TURN DETAIL FOR THREE LANE ROADWAY



TYPICAL SPACING FOR NO PASSING LINES UNLESS OTHERWISE NOTED ON PLANS



TWO-WAY LEFT TURN ARROW SPACING DETAIL

NOTE:
IF ARROWS ARE USED SPACE THE ARROWS AS SHOWN IN THE SPACING DETAIL.

3	5/25/02	Added Dotted Extension and Lane Drop Lines	B.A.J.L.	B.D.G.
2	9/20/05	Removed Aux. Passing Lane Dotted Ext. Line	J.F.F.	B.D.G.
1	7/26/05	New FHWA Approval Date	J.F.F.	B.D.G.
NO.	DATE	REVISIONS	BY	APP'D

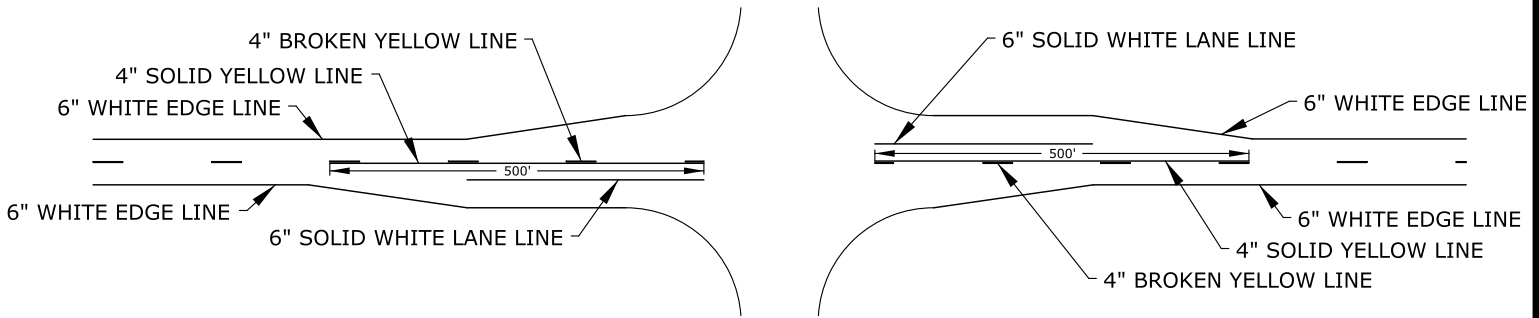
KANSAS DEPARTMENT OF TRANSPORTATION
TYPICAL PAVEMENT MARKING DETAILS FOR UNDIVIDED ROADWAYS

TE308

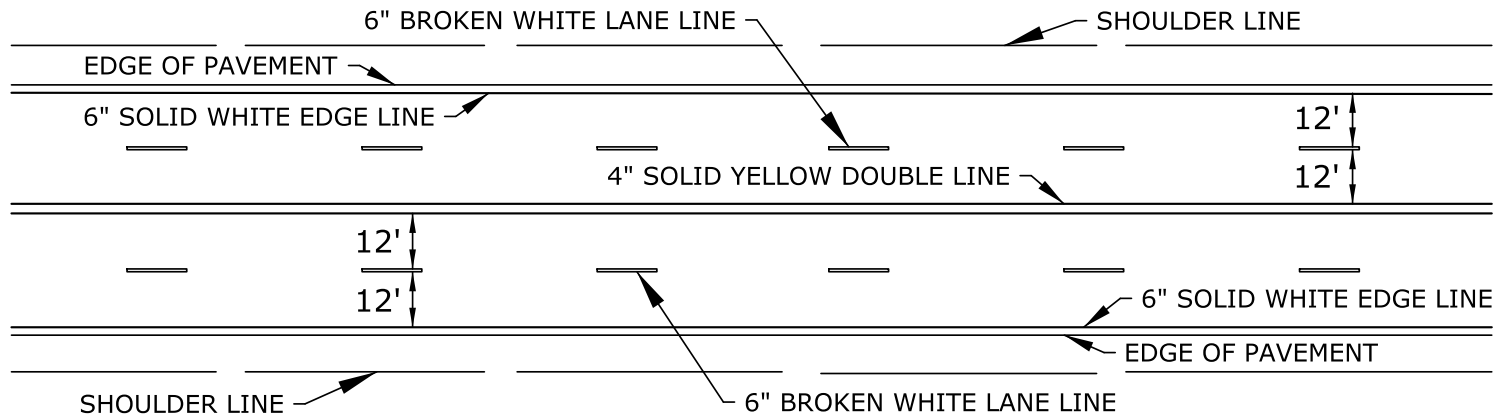
FHWA APPROVAL	5/25/2002	APP'D	Brian D. Gower
DESIGNED	J.F.F./DETAL	J.F.F./QUANTITIES	TRACED
DESIGN CK.	B.D.G./DETAL CK.	B.D.G./QUAN. CK.	TRACE CK.

NOTE:
ALL PAVEMENT MARKINGS SHALL BE BROKEN AT
CROSS ROADS.

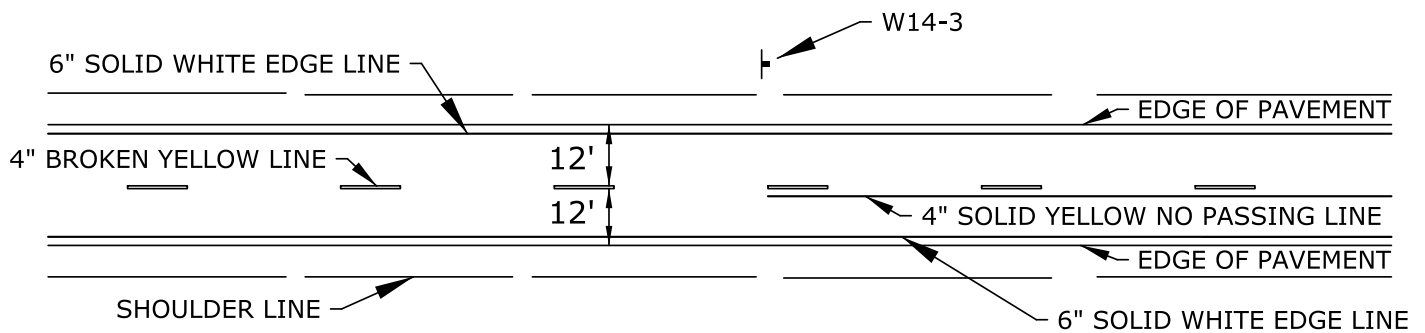
FOR HIGHWAY JUNCTIONS THE NO PASSING
ZONE WILL EXTEND 1000' FROM INTERSECTION.



TYPICAL ROAD JUNCTION MARKINGS WITH BYPASS LANES



TYPICAL MARKINGS FOR FOUR LANE ROADWAY



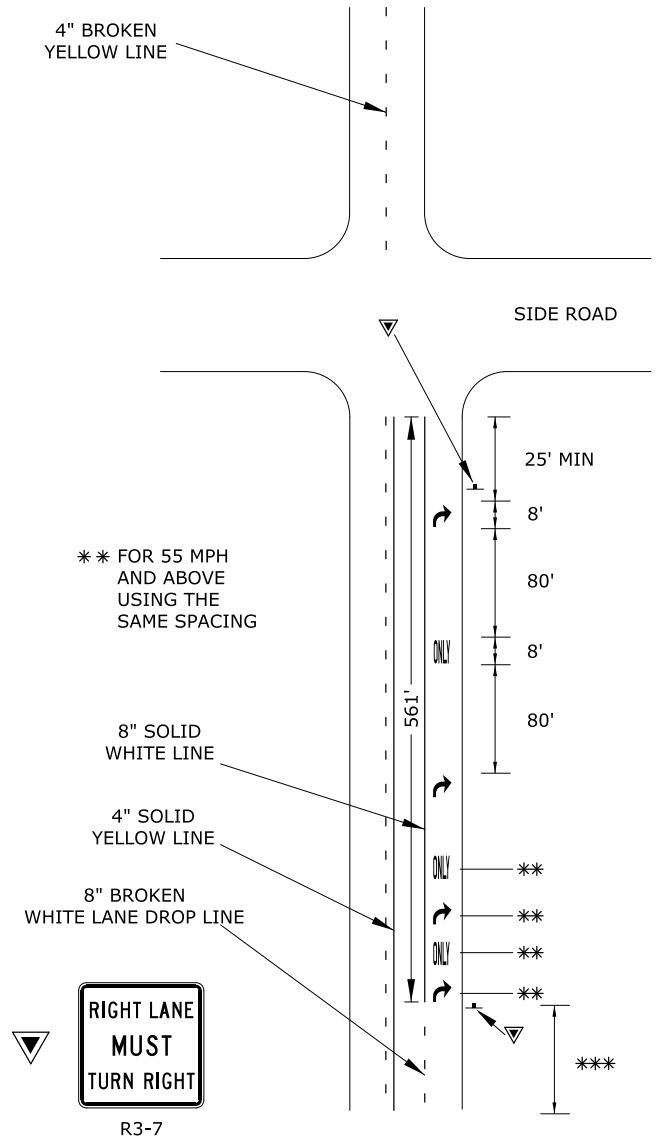
TYPICAL TWO LANE MARKINGS

NOTE:
LONGITUDINAL PAVEMENT MARKING LINES SHALL BE OFFSET
A MINIMUM OF 2" FROM LONGITUDINAL PAVEMENT JOINTS.

NOTE:
ON NON I, US, AND K ROUTES, 4" EDGE LINES MAY BE INSTALLED.
6" EDGE LINES ARE NOT REQUIRED ON NON I, US, AND K ROUTES.

3	5/25/12	Added Dotted Extension and Lane Drop Lines	J.F.F.	B.D.G.
2	9/20/05	Removed Aux. Passing Lane Dotted Ext. Line	J.F.F.	B.D.G.
1	7/26/05	New FHWA Approval Date	J.F.F.	B.D.G.
NO.	DATE	REVISIONS	BY	APP'D
KANSAS DEPARTMENT OF TRANSPORTATION TYPICAL PAVEMENT MARKING DETAILS FOR UNDIVIDED ROADWAYS				
TE308				
FHWA APPROVAL		5/25/2002	APP'D	Brian D. Gower
DESIGNED	J.F.F.	DETAILED	J.F.F.	QUANTITIES
DESIGN CK.	B.D.G.	DETAIL CK.	B.D.G.	QUAN. CK.
		TRACED		TRACE CK.

TYPICAL SIGNING AND MARKING FOR RIGHT LANE MUST TURN RIGHT

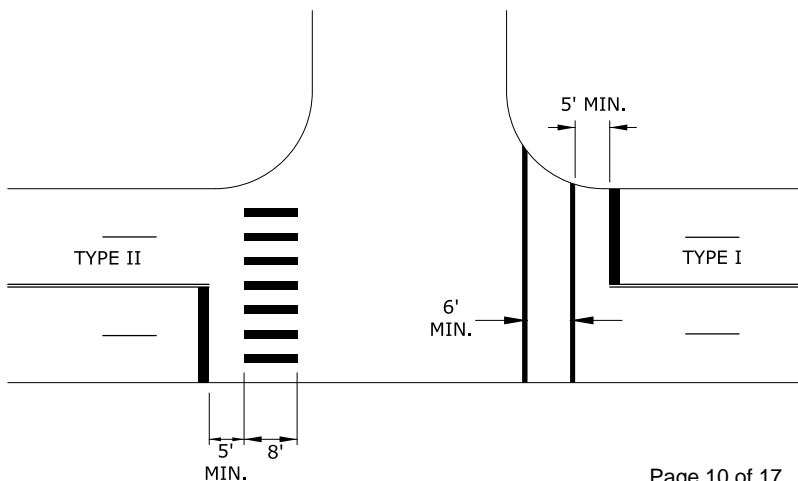


TYPICAL CROSSWALKS

TYPE I: CROSSWALK LINES SHALL BE 12" SOLID WHITE LINES. THEY SHALL BE SPACED A MINIMUM OF 6' APART FROM INSIDE EDGE TO INSIDE EDGE.

TYPE II: THESE LINES SHOULD BE SOLID WHITE 24" WIDE PLACED PARALLEL TO THE DIRECTION OF TRAFFIC FLOW. THE LINE PLACEMENT IS DETERMINED BY LANE LINE, CENTER LINE, AND WHEEL PATH IN SUCH A MANNER AS TO MINIMIZE TRAFFIC WEAR. THE CROSSWALK WIDTH SHOULD BE NOT LESS THAN 8'. THE TRANSVERSE CROSSWALK LINES MAY BE ADDED.

WHEN REQUIRED, STOP LINES SHALL BE INSTALLED A MINIMUM OF 5' FROM CROSSWALKS.



*** THE LANE DROP MARKINGS LENGTH IS A MINIMUM OF 100' AND A MAXIMUM OF 250' PRIOR TO THE 8" SOLID WHITE LINE

NO.	DATE	REVISIONS	BY	APP'D
3	5/25/02	Updated Chart B and Lane Drop Lines	B.A.K.	B.D.G.
2	10/20/06	RR Xing Symbol Changed from 'R' to 'R'	T.L.H.	B.D.G.
1	9/20/05	Added 4" Solid Yellow Double Line to RR Xing	J.F.F.	B.D.G.

KANSAS DEPARTMENT OF TRANSPORTATION			
TYPICAL			
MISCELLANEOUS			
PAVEMENT MARKING			
DETAIL SHEET			
TE309	7/26/2005	APP'D	Brian D. Gower
DESIGNED	J.F.F.	QUANTITIES	TRACED
DESIGN CK.	B.D.G.	DETAIL CK.	B.D.G.

RAILROAD CROSSING MARKING

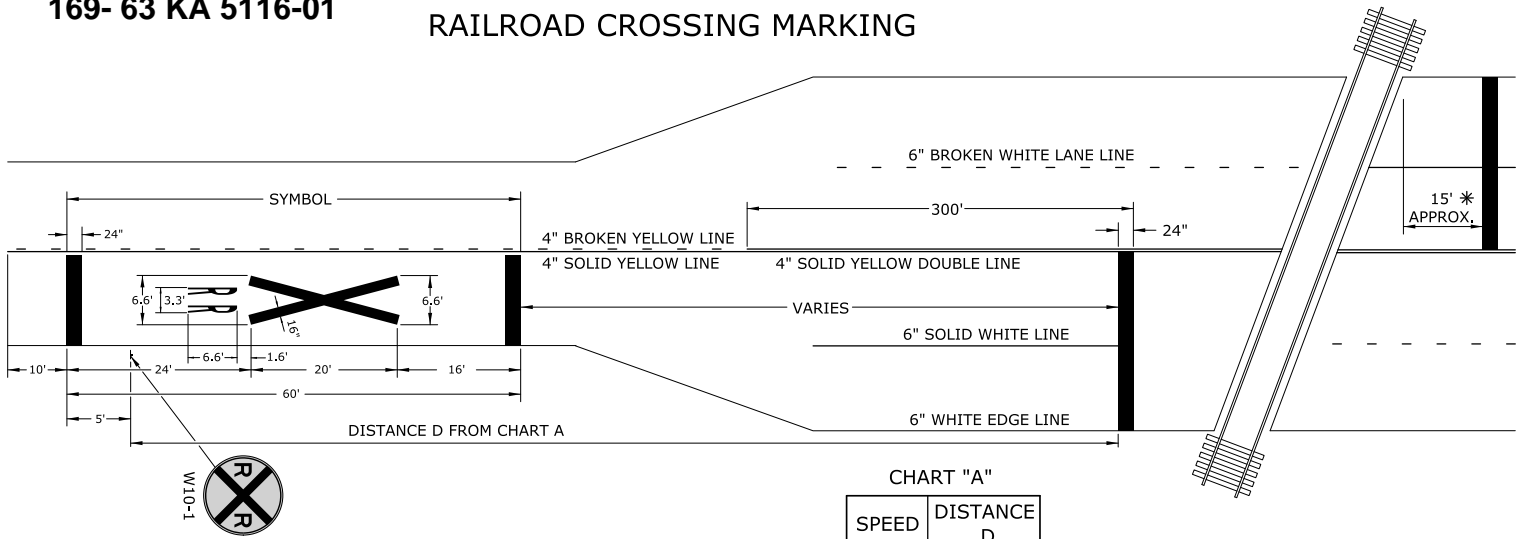


CHART "A"

SPEED MPH	DISTANCE D (feet)
75	850
70	750
65	650
60	550
55	450
50	375
45	300
40	225
35	150
30	(X)
25	(X)
20	(X)

(X) PLACEMENT LOCATION IS DEPENDENT ON SITE CONDITIONS AND OTHER SIGNING TO PROVIDE ADEQUATE ADVANCE WARNING TO THE DRIVER

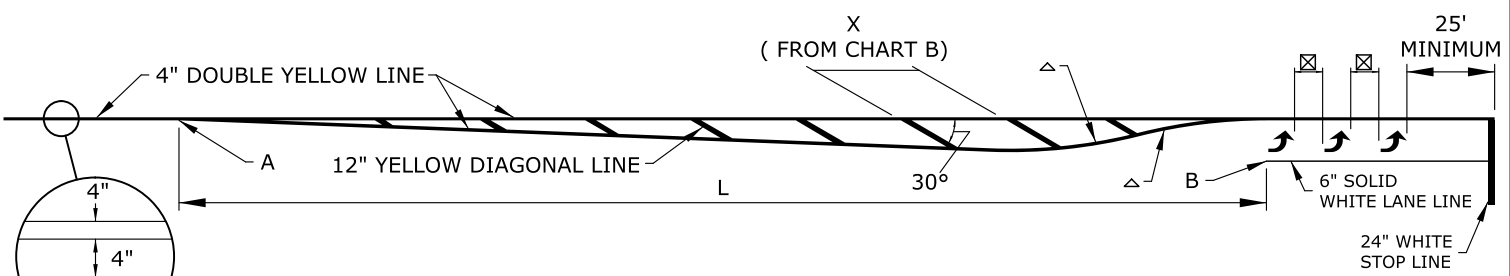
A THREE-LANE ROADWAY SHOULD BE MARKED WITH A CENTERLINE FOR TWO-LANE APPROACH OPERATION ON THE APPROACH TO A CROSSING.
 ON MULTI-LANE ROADS THE TRANSVERSE BANDS SHOULD EXTEND ACROSS ALL APPROACH LANES, AND INDIVIDUAL R X R SYMBOLS SHOULD BE USED IN EACH APPROACH LANE.
 REFER TO STANDARD ALPHABET FOR HIGHWAY SIGNS AND MARKINGS FOR R X R SYMBOLS DETAILS.

*STOP LINE 8' FROM NEAR EDGE OF GATE OR CANTILEVER, IF PRESENT.

NOTE:
 ON NON I, US, AND K ROUTES, 4" EDGE LINES MAY BE INSTALLED.
 6" EDGE LINES ARE NOT REQUIRED ON NON I, US, AND K ROUTES.

ALL DISTANCES ARE MINIMUM.

TYPICAL APPROACH TAPER DETAIL



THE APPROACH TAPER LENGTH FROM POINT A TO POINT B IS TO BE DETERMINED USING CHART C. VALUES FOR L WERE CALCULATED USING THE EQUATIONS BELOW AND INCREASED TO THE NEXT HIGHER 5 MPH INCREMENT.

- SPEEDS < 45 MPH $L = \frac{W * S^2}{60}$
 - SPEEDS = 45 MPH $L = W * S$

IF ARROWS ARE USED AND UNLESS OTHERWISE SPECIFIED THE SPACE BETWEEN LINES SHOULD BE AT LEAST FOUR TIMES THE HEIGHT OF THE CHARACTERS FOR LOW SPEED ROADS BUT NOT MORE THAN TEN TIMES THE HEIGHT OF THE CHARACTERS, UNDER ANY CONDITIONS.

FOR SPEEDS LESS THAN OR EQUAL TO 40 MPH, R=150'.
 FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH, R=300'.

CHART "B"

APPROACH SPEED	X
20 MPH	20'
25 MPH	25'
30 MPH	30'
35 MPH	35'
40 MPH	40'
45 MPH	45'
50 MPH	50'
55 MPH	55'
60 MPH	60'
65 MPH	65'
70 MPH	70'

CHART "C"

APPROACH SPEED	L
20 MPH	80'
25 MPH	125'
30 MPH	180'
35 MPH	245'
40 MPH	320'
45 MPH	540'
50 MPH	600'
55 MPH	660'
60 MPH	720'
65 MPH	780'
70 MPH	840'

3	5/25/12	Updated Chart B and Lane Drop Lines	B.A.R.	B.D.G.
2	10/20/06	RR Xing Symbols Changed from 'R' to 'R'	T.L.A.	B.D.G.
1	9/20/05	Added 4" Solid Yellow Double Line to RR Xing	J.F.F.	B.D.G.
NO.	DATE	REVISIONS	BY	APP'D.

KANSAS DEPARTMENT OF TRANSPORTATION
 TYPICAL MISCELLANEOUS PAVEMENT MARKING DETAIL SHEET

TE309

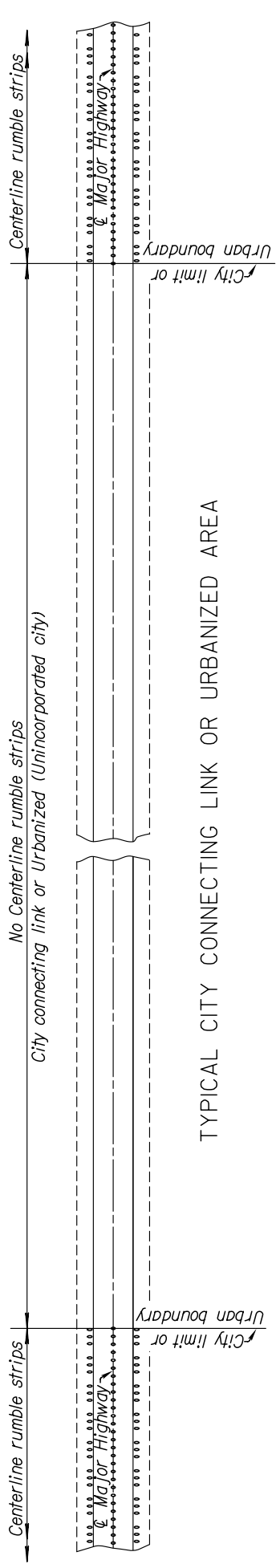
DESIGNED: J.F.F. / TRACED: J.F.F.
 DESIGN CK: B.D.G. / DETAIL CK: B.D.G. / QUANTITIES: B.D.G. / TRACE CK: B.D.G.

7/26/2005 APP'D: Brian D. Gower

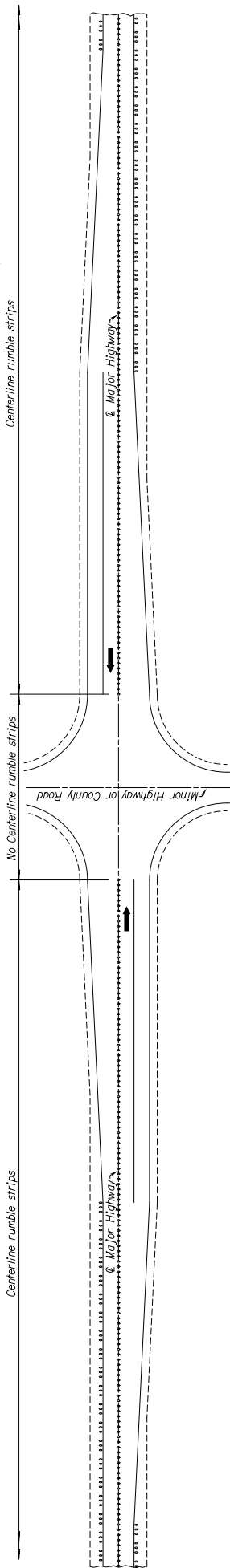
169-63 KA 5116-01

GENERAL NOTES

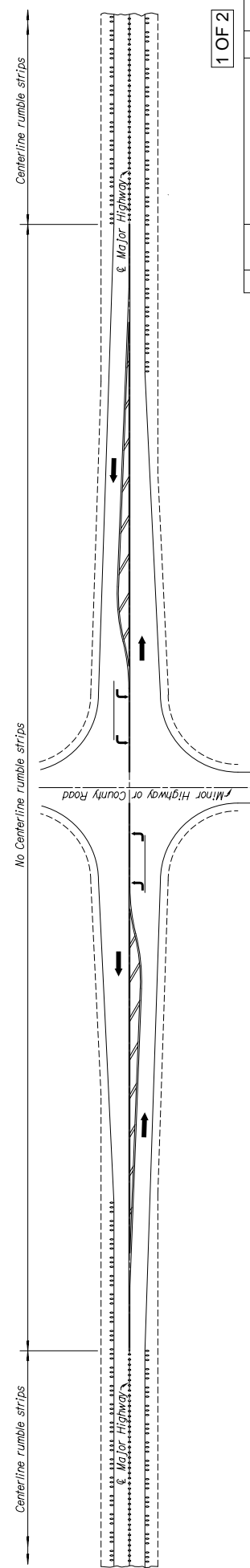
- Construction of centerline rumble strips in asphalt pavement is paid under the bid item "Rumble Strips (Milled) (Centerline)". All work and materials required to construct the strips in accordance to these details and Special Provisions are included in this item.
- See typical sections for other surfacing details.
- No variation in spacing between depressions will be permitted.
- Either rumble strip shape is acceptable with no mixing of shapes on a project unless approved by the engineer.
- For Shoulder Rumble Strip details see Standard drawing RD707.



TYPICAL CITY CONNECTING LINK OR URBANIZED AREA



TYPICAL RURAL INTERSECTION WITH BYPASS LANES



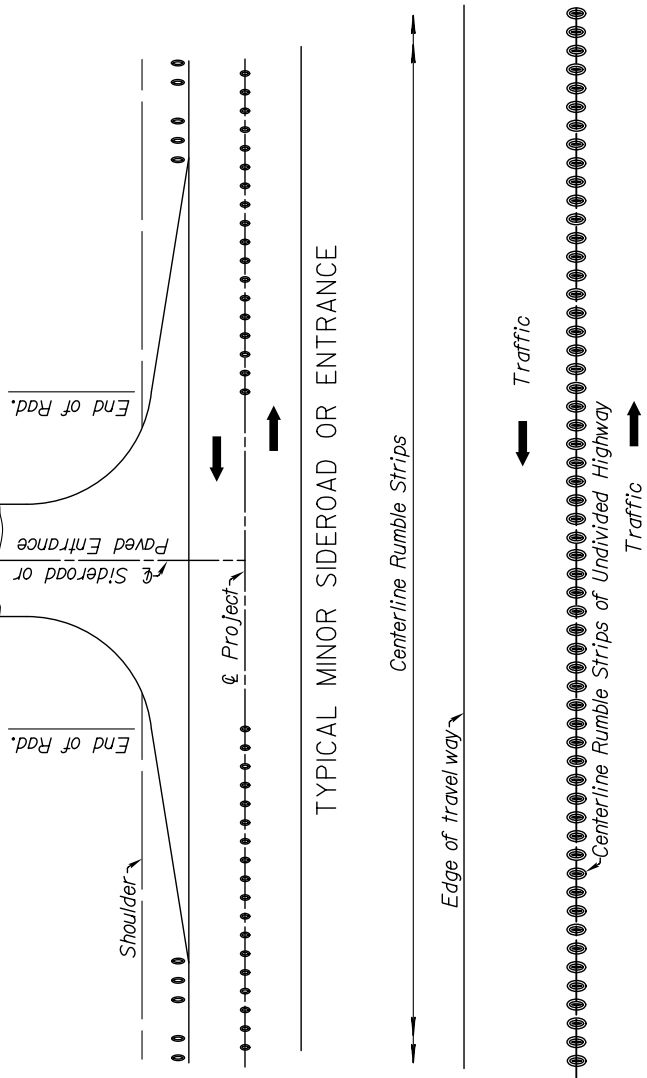
TYPICAL RURAL INTERSECTION WITH LEFT TURN LANES

1 OF 2

NO.	DATE	REVISIONS	BY	APP'D
2	11-15-11	Revised notes	S.W.K.	J.O.B.
1	9-24-09	Rev. & rumble strips thru road.	S.W.K.	J.O.B.

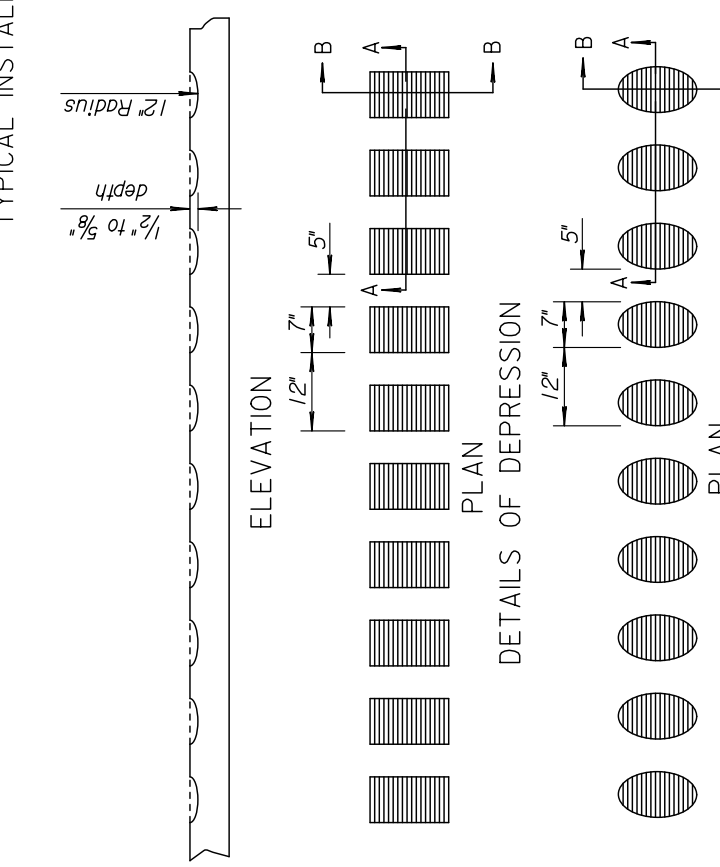
KANSAS DEPARTMENT OF TRANSPORTATION
MILLED RUMBLE STRIPS (CENTERLINE)

RD706
 FHWA APPROVAL: 5-26-11
 DESIGNER: JIMMIE O. BRANN
 CHECKED: JIMMIE O. BRANN
 DESIGNED: JIMMIE O. BRANN
 DRAWN: JIMMIE O. BRANN
 DATE: 07-05-2015
 KDOT Graphics Certified



TYPICAL MINOR SIDEROAD OR ENTRANCE

TYPICAL INSTALLATION



ALT. RUMBLE STRIP SHAPE

SECTION B-B (ALT. SHAPE)

2 OF 2

NO.	DATE	REVISIONS	BY	APP'D
2	11-15-10	Revised notes	S.W.K.	J.O.B.
1	9-24-09	Rem & rumble strips thru grade	S.W.K.	J.O.B.

KANSAS DEPARTMENT OF TRANSPORTATION

MILLED RUMBLE STRIPS (CENTERLINE)

RD706

APPROVAL: 5-28-11
DESIGN: J.E. ALLEN
CHECK: J.E. ALLEN
DATE: 07-09-2015

APPROVAL: JAMES O. BROWNE
DESIGN: JAMES O. BROWNE
CHECK: JAMES O. BROWNE
DATE: 07-09-2015

SUMMARY OF PAVEMENT MARKINGS

LOCATION	4" Solid WHITE Edge Line	6" Solid WHITE Edge Line	6" Broken WHITE Lane Line (PCP)	6" Dotted WHITE Extension Line	6" Broken WHITE Lane Drop Line	6" Solid WHITE Lane Line	8" Broken WHITE Lane Drop Line	8" Solid WHITE Gore Line	8" Dotted WHITE Extension Line	12" Solid WHITE Diagonal Line	12" Solid WHITE Chevron Line	12" Solid WHITE Crosswalk Line	24" Solid WHITE Type II Crosswalk Line	24" Solid WHITE Stop Line	4" Solid YELLOW Edge Line	4" Solid YELLOW Double Line	4" Solid YELLOW Line	4" Broken YELLOW Line	6" Solid YELLOW Edge Line	12" Solid YELLOW Diagonal Line
SOUTH OF PCCP																				
0+00-348+84	69768	476				546								68	5954	13165	28920			
NORTH OF PCCP																				
402+05 to 430+05 (CR 5300)	5600														925	923	2180			
430+05 to 467+12	7414																3707			
467+12 to 475+30	1636	258					384									543	275	783		
475+30 to 526+28	10196	849				1373								68	781	1896	4317			
526+28 to 549+29	4602					1054									3529					218
549+29 to 617+97	13736	583				529								68	942	5926	792			
617+97 to 649+00	6206	882				978	288								1797	3020				215
649+00 848+55	39910					200									797	19158	414			120
848+55 to 915+21	13332	908				2371									6392	3052	404			313
TOTALS	0	✓ 172400	✓ 3956	0	0	✓ 7051	0	✓ 672	0	0	0	0	0	✓ 204	✓ 21660	✓ 47415	✓ 41517	0	✓ 866	
		✓ 989	/ 4												✓ 21660	✓ 47415	✓ 41517	0	✓ 866	
		✓ 7051	989												✓ 10379	✓ 101114	✓ 10379	0	✓ 866	

NOTE ALL TOTALS REFLECT ACTUAL QUANTITY OF PAVEMENT MARKING MATERIALS REQUIRED

Project No **169-63 KA 5116-01**

SUMMARY WORD & SYMBOL MARKINGS											
LOCATION								STOP	ONLY	X-ING	SCHOOL
SOUTH PCCP											
251+45							2				
NORTH PCCP											
519+89 AND 593+56							4				
535+47 TO 539+09				3	11						
636+82 TO 632+93				6	11						
853+44 TO 857+22				8	3						
872+53 TO 864+57											
TOTALS	0	0	0	17	25	0	6	0	0	0	0

NOTE: ALL TOTALS REFLECT ACTUAL QUANTITY OF PAVEMENT MARKING MATERIALS REQUIRED

Project No **169- 63 KA 5116-01**

RECAPITULATION OF QUANTITIES				
ITEMS			TOTAL	UNITS
PAVEMENT MARKING (MULTI-COMPONENT)(WHITE)(4")				Inft
PAVEMENT MARKING (MULTI-COMPONENT)(WHITE)(6")			✓ 180440	Inft
PAVEMENT MARKING (MULTI-COMPONENT)(WHITE)(8")			✓ 672	Inft
PAVEMENT MARKING (MULTI-COMPONENT)(WHITE)(12")				Inft
PAVEMENT MARKING (MULTI-COMPONENT)(YELLOW)(4")			✓ 101114	Inft
PAVEMENT MARKING (MULTI-COMPONENT)(YELLOW)(6")				Inft
PAVEMENT MARKING (MULTI-COMPONENT)(YELLOW)(12")			✓ 866	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")			✓ 204	Inft
PAVEMENT MARKING (INTERSECTION GRADE)(YELLOW)(12")				Inft
PAVEMENT MARKING SYMBOL (INTERSECTION GRADE) (WHITE) (R/R XING)			✓ 6	EACH
PAVEMENT MARKING SYMBOL (INTERSECTION GRADE) (WHITE) (Lt Turn Arrow)			✓ 25	EACH
PAVEMENT MARKING SYMBOL (INTERSECTION GRADE) (WHITE) (Rt Turn Arrow)			✓ 17	EACH
PAVEMENT MARKING SYMBOL (INTERSECTION GRADE) (WHITE) (ONLY)				EACH
PAVEMENT MARKING SYMBOL (INTERSECTION GRADE) (WHITE) (R/Thru Arrow)				EACH
PAVEMENT MARKING REMOVAL				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 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
R1-1	6		
R4-1	2		
W3-4		2	
W3-5			
W8-11			
W14-3	2		
W20-1		8	
W20-4		2	
W20-5			
W20-7		2	
W21-5			
W8-15		2	
W8-15p	2		
G20-4			
KG20-5	8		
KM4-20			
KG20-2	8		
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
			60	

**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)	915.2	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"))		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:
Totals include 6 sets of signs for approximate number of side road entrances to be used at one time. TE 730 was used.

3				
2				
1				
NO.	DATE	REVISIONS	BY	APP'D
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
DESIGN CK.		DETAIL CK.		TRACE CK.