

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87 N-0243-01	2005	133	169

SUMMARY OF TRAFFIC CONTROL DEVICES (EACH PER DAY)

* QUANTITY MOST USED ON THE PROJECT AT ANY ONE TIME

SIGN NO.	SIZE - SQ.FT.		
	0-9.25	9.26-16.25	16.26 & OVER
W20-1		5	
W20-5		8	
W3-5		4	
R4-1			7
R2-1	8		
KM4-20	6		
W4-2R		2	
W4-2L		2	
W1-4L		2	
W1-4R		2	
KG20-2	4		
R11-2		9	
R3-1		3	
R3-2		9	
R11-4		4	
W1-6	1		
R4-7a	2		
R9-9	8		
R9-10	4		
R9-11	3		
R5-1	3		
R6-1	6		

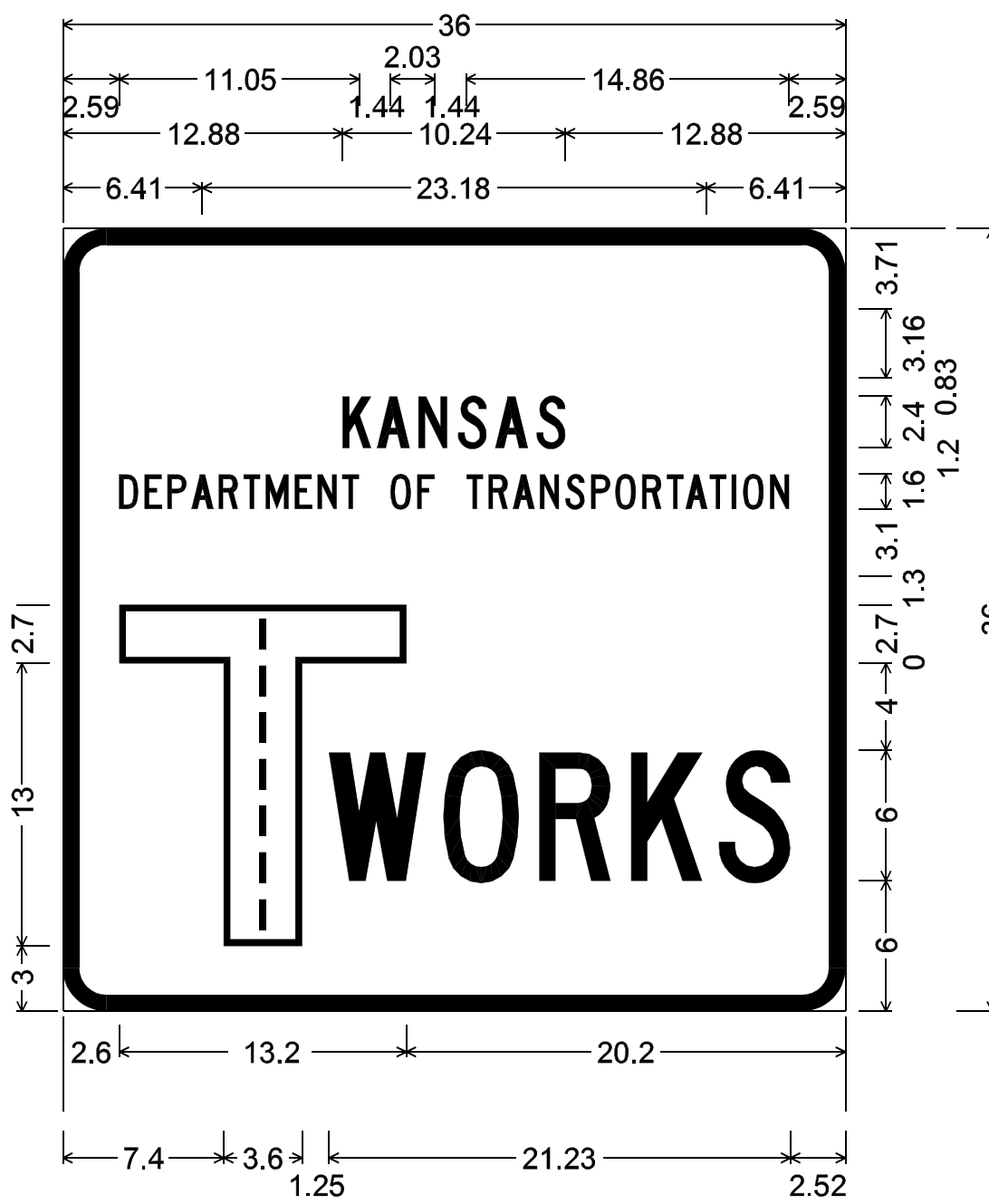
BARRICADES*	CHANNELIZING DEVICES*	
TYPE III (4' TO 12')	FIXED	PORTABLE
58		277

SUMMARY OF TRAFFIC CONTROL DEVICES (EACH)

WORK ZONE SIGN (SPECIAL)		
SIGN NO.	16.25 SQ.FT. & LESS	16.26 SQ.FT. & OVER
TWORKS	4	

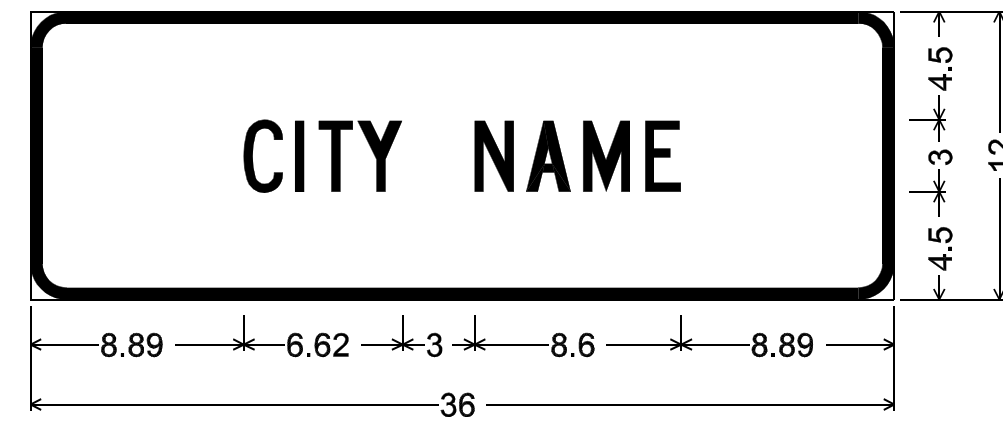
LIGHTED DEVICES *	
WORK ZONE WARNING LIGHT (TYPE "A" LOW INTENSITY)	72
WORK ZONE WARNING LIGHT (RED TYPE "B" HIGH INTENSITY)	
ARROW DISPLAY	
PORTABLE CHANGEABLE MESSAGE SIGN	4

RECAPITULATION OF QUANTITIES		
ITEM	QUANTITY	UNIT
WORK ZONE SIGNS (0 TO 9.25 SQ.FT.)	45	EACH PER DAY
WORK ZONE SIGNS (9.26 TO 16.25 SQ.FT.)	50	EACH PER DAY
WORK ZONE SIGNS (16.26 SQ.FT. & OVER)	7	EACH PER DAY
WORK ZONE BARRICADES (TYPE III - 4' TO 12')	58	EACH PER DAY
CHANNELIZER (FIXED)		EACH PER DAY
CHANNELIZER (PORTABLE)	277	EACH PER DAY
WORK ZONE WARNING LIGHT (TYPE "A" LOW INTENSITY)	72	EACH PER DAY
WORK ZONE WARNING LIGHT (RED TYPE "B" HIGH INTENSITY)		EACH PER DAY
ARROW DISPLAY		EACH PER DAY
PORTABLE CHANGEABLE MESSAGE SIGN	4	EACH PER DAY
PAVEMENT MARKING (TEMPORARY)		
4" SOLID (TYPE I TAPE)	33,740	STA./LINE
4" SOLID (TYPE II TAPE)	8,780	STA./LINE
4" BROKEN (8.2') (TYPE I TAPE)		STA./LINE
4" BROKEN (8.2') (TYPE II TAPE)		STA./LINE
4" BROKEN (3.3') (TYPE I TAPE)		STA./LINE
4" BROKEN (3.3') (TYPE II OR IIA TAPE)		STA./LINE
4" BROKEN(3.3')(FLEXIBLE RAISED PAVEMENT MARKER)		STA./LINE
4" DOTTED EXTENSION (TYPE I TAPE)		STA./LINE
4" DOTTED EXTENSION (TYPE II TAPE)		STA./LINE
SOLID (LINE MASKING TAPE)		STA./LINE
BROKEN (LINE MASKING TAPE)		STA./LINE
PAVEMENT MARKING REMOVAL		LIN. FT.
GLARE SCREEN		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 (F200)		EACH
REPLACEMENT MODULES (F400)		EACH
REPLACEMENT MODULES (F700)		EACH
REPLACEMENT MODULES (F1400)		EACH
REPLACEMENT MODULES (F2100)		EACH
WORK ZONE SIGN (SPECIAL) (16.25 SQ. FT. & LESS)		EACH
WORK ZONE SIGN (SPECIAL) (16.26 SQ. FT. & MORE)		EACH
TEMPORARY RAISED PAVEMENT MARKER (TYPE I)		EACH
TEMPORARY RAISED PAVEMENT MARKER (TYPE II)		EACH
TRAFFIC SIGNAL INSTALLATION (TEMPORARY)		LUMP SUM
TRAFFIC CONTROL (INITIAL SET UP)	LUMP SUM	LUMP SUM
TRAFFIC CONTROL	1	LUMP SUM
FLAGGER (SET PRICE)	1	hour
TWORKS SIGN ASSEMBLY	4	EACH



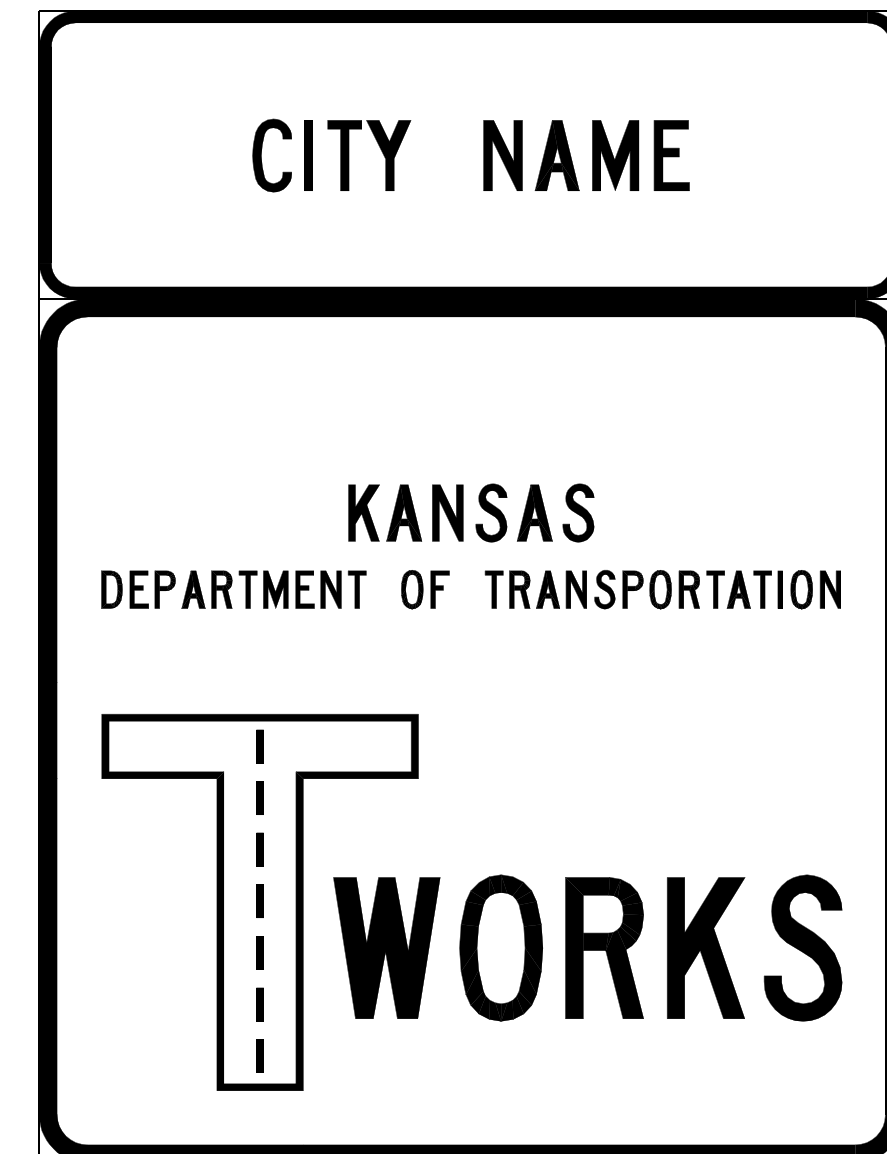
SPECIAL TWORKS SIGN 7;
 2.00" RADIUS, 0.75" BORDER, BLUE ON WHITE;
 [KANSAS] BLACK C;
 [DEPARTMENT OF TRANSPORTATION] BLACK C 90% SPACING;
 [T] ORANGE; 0.3" BLACK BORDER
 LANE LINES: .3"x1.4" WHITE; 0.75" SPACING FROM BOTTOM
 [WORKS] C 75% SPACING;
 TABLE OF DISTANCES BETWEEN LETTER AND OBJECT LEFTS.

12.88	K	A	N	S	A	S	12.88								
2.59	D	E	P	A	R	T	M	E	N	T	O	F	2.59		
1.04	T	R	A	N	S	P	O	R	T	A	T	I	O	N	2.59
2.6	T	13.2	20.2												
12.25	W	O	R	K	S	2.52									



SPECIAL TWORKS SIGN 8;
 1.50" RADIUS, 0.50" BORDER, WHITE ON BLUE;
 [CITY NAME] C;
 TABLE OF DISTANCES BETWEEN LETTER AND OBJECT LEFTS.

8.89	C	I	T	Y	N	A	M	E	8.89
2.14	2.14	0.93	1.67	4.88	2.14	2.39	2.57	1.50	2.14



TYPICAL SIGN ASSEMBLY

GENERAL NOTES

- THE "TWORKS" SIGN BLANK MATERIAL SHALL BE ALUMINUM, WOOD, OR FIBERGLASS REINFORCED PLASTIC.
- THE "TWORKS" SIGN FACES SHALL BE COVERED WITH TYPE IV HIGH INTENSITY RETROREFLECTIVE SHEETING.
- THE "TWORKS" SIGNS ARE TO BE MOUNTED ON TWO (2) 4"x6" WOOD POSTS, AS SHOWN ON TE712 WITHOUT THE USE OF BRACING, GUY WIRES, OR TIE-DOWNS. THE "TWORKS" SIGNS MAY ALSO BE MOUNTED ON SKIDS. THE MOUNTING HEIGHTS AND LATERAL OFFSETS ARE TO BE AS SHOWN ON TE714.
- THE "TWORKS" SIGNS ARE TO BE INSTALLED IN ADVANCE OF THE FIRST TRAFFIC CONTROL SIGN A DISTANCE OF 500' FOR A TWO-WAY ROADWAY IN A RURAL LOCATION AND 100' TO 350' IN AN URBAN AREA DEPENDING UPON THE SPEED. THE FIRST TRAFFIC CONTROL SIGN IS EITHER THE "ROAD WORK AHEAD" OR THE "GIVE 'EM A BRAKE" SIGN. THE ENGINEER MAY DESIGNATE A MORE APPROPRIATE LOCATION IF CONDITIONS DICTATE.
- THE "TWORKS" SIGNS ARE NOT TO INTERFERE WITH THE TRAFFIC CONTROL SIGNS FOR THE PROJECT OR WITH ANY OTHER REGULATORY, WARNING, OR GUIDE SIGN THAT IS TO REMAIN IN PLACE DURING CONSTRUCTION.
- THE TWORKS SIGN ASSEMBLY CONSISTS OF A TWORKS SIGN 7 AND AND TWORKS SIGN 8. THE BID ITEM FOR THIS ASSEMBLY IS "TWORKS SIGN ASSEMBLY" WITH A BID UNIT OF "EACH".
- THE TWORKS SIGN ASSEMBLY IS TO REMAIN IN PLACE AT COMPLETION OF THE PROJECT AND BECOME THE PROPERTY OF THE JURISDICTION THAT IS THE OWNER OF THE PROJECT.

TE 715C

3	8/8/07	2007 Spec Revision	M.B.	A.A.A.
2	12/29/05	Added Type A & Red Type B Lights	B.H.	A.A.A.
1	2/1/05	Const. Sign SpecialChart	B.H.	A.A.A.
NO.	DATE	REVISIONS	BY	APP'D

KANSAS DEPARTMENT OF TRANSPORTATION
 SUMMARY OF DEVICES AND
 RECAPITULATION OF QUANTITIES
 DETAILS FOR THE (TWORKS) SIGNS
 LOCAL PROJECTS
 TE 715C & TE795 9/1/00

DESIGNED	B.A.H.	DETAILED	B.A.H.	QUANTITIES	TRACED
DESIGN CK.		DETAIL CK.		QUAN. CK.	TRACE CK.

TE 795