FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87N-0116-01	1999	78	110

SUMMARY OF TRAFFIC CONTROL DEVICES (EACH PER DAY)

QUANTITIES - PHASE II AND III

ITEM	QUANTITY	UNIT
CONSTRUCTION SIGNS (0 TO 0.85 m²)	6	EACH PER DAY
CONSTRUCTION SIGNS (0.86 TO 1.50 m²)	8	EACH PER DAY
CONSTRUCTION BARRICADES (TYPE I OR II)	5	EACH PER DAY
CONSTRUCTION WARNING LIGHT (TYPE "B" HIGH INTENSITY)	12	EACH PER DAY
ARROW DISPLAY	1	EACH PER DAY
VERTICAL PANEL	80	EACH PER DAY
REFLECTIVE DRUMS	45	EACH PER DAY
PAVEMENT MARKING (TEMPORARY)		
100 mm SOLID (TYPE I TAPE)	0.855	km/LINE
100 mm SOLID (TYPE II TAPE)	6.500	km/LINE
EXISTING PAVEMENT MARKING REMOVAL	2,200	LIN. m

QUANTITIES - PHASE IV

ITEM	QUANTITY	UNIT
CONSTRUCTION SIGNS (0 TO 0.85 m²)	6	EACH PER DAY
CONSTRUCTION SIGNS (0.86 TO 1.50 m²)	8	EACH PER DAY
CONSTRUCTION BARRICADES (TYPE I OR II)	5	EACH PER DAY
CONSTRUCTION WARNING LIGHT (TYPE "B" HIGH INTENSITY)	12	EACH PER DAY
ARROW DISPLAY	2	EACH PER DAY
VERTICAL PANELS	80	EACH PER DAY
REFLECTIVE DRUMS	60	EACH PER DAY
PAVEMENT MARKING (TEMPORARY)		
100 mm SOLID (TYPE II TAPE)	5.745	km/LINE
EXISTING PAVEMENT MARKING REMOVAL	6,100	LIN. m

DELINEATORS & CHANNELIZING DEVICES (EACH)

BARRICADES		DRUMS	PAVEMENT MARKERS			VERTICAL PANELS	
TY I OR TY II	TYPE III (2.7 m TO 4.2 m)		TUBULAR	TYPE I	TYPE II	SINGLE	BACK TO BACK
10		60				80	

LIGHTING DEVICES (EACH)

CONSTRUCTION WARNING LIGHT (TYPE "B" HIGH INTENSITY)	12
ARROW DISPLAY	2
TEMP. TRAFFIC SIGNALS (SETS)	

CONCRETE SAFETY BARRIER (SECTIONS)

TYPE I (TEMPORARY)	
TYPE IV (TEMPORARY)	

CONSTRUCTION SIGNS (EACH)

MUTCD NO.	SIZE - m²		
	0-0.85	0.86-1.50	1.51 & OVER
W20-7a		2	
G20-2a	2		
R4-7	2		
R11-2		2	
W4-2L	1		
W4-2R	1		
W20-1		2	
W20-5		2	

RECAPITULATION OF QUANTITIES

ITEM	QUANTITY	UNIT
CONSTRUCTION SIGNS (0 TO 0.85 m²)	6	EACH PER DAY
CONSTRUCTION SIGNS (0.86 TO 1.50 m²)	8	EACH PER DAY
CONSTRUCTION SIGNS (1.51 m² & OVER)		EACH PER DAY
CONSTRUCTION BARRICADES (TYPE I OR II)	5	EACH PER DAY
CONSTRUCTION BARRICADES (TYPE III - 1.2m TO 2.4 m)		EACH PER DAY
CONSTRUCTION BARRICADES (TYPE III - 2.7m TO 4.2 m)		EACH PER DAY
CONSTRUCTION WARNING LIGHT (TYPE "B" HIGH INTENSITY)	12	EACH PER DAY
REFLECTORIZED DRUM	60	EACH PER DAY
ARROW DISPLAY	2	EACH PER DAY
TUBULAR MARKERS		EACH PER DAY
VERTICAL PANELS (SINGLE TYPE)	80	EACH PER DAY
VERTICAL PANELS (BACK TO BACK TYPE)		EACH PER DAY
OBJECT MARKERS		EACH PER DAY
CONCRETE SAFETY BARRIER (TYPE I)(TEMPORARY)		SECTION/DAY
CONCRETE SAFETY BARRIER (TYPE IV)(TEMPORARY)		SECTION/DAY
PAVEMENT MARKING (TEMPORARY)		
100 mm BROKEN (2.5 m)(TYPE I TAPE)		km/LINE
100 mm SOLID (TYPE I TAPE)	0.855	km/LINE
100 mm BROKEN (2.5 m)(TYPE II OR IIA TAPE)		km/LINE
100 mm SOLID (TYPE II OR IIA TAPE)	12.245	km/LINE
PAVEMENT MARKING (TEMPORARY STRIPING)		
100 mm BROKEN (1.0 m)(TYPE II OR IIA TAPE)		km/LINE
100 mm SOLID (TYPE II OR IIA TAPE)		km/LINE
EXISTING PAVEMENT MARKING REMOVAL	8,300	LIN. m
GLARE SCREEN		LIN. m
TEMPORARY RAISED PAVEMENT MARKER (TYPE I)		EACH
TEMPORARY RAISED PAVEMENT MARKER (TYPE II)		EACH
INERTIAL BARRIER SYSTEM		EACH
MODULE F90 (REPLACEMENT)		EACH
MODULE F180 (REPLACEMENT)		EACH
MODULE F320 (REPLACEMENT)		EACH
MODULE F640 (REPLACEMENT)		EACH
MODULE F960 (REPLACEMENT)		EACH
TRAFFIC SIGNAL INSTALLATION (TEMPORARY)		LUMP SUM
TEMPORARY TRAFFIC SIGNALS		LUMP SUM
TRAFFIC CONTROL	1	LUMP SUM

(QUANTITIES LISTED FOR INFORMATION ONLY)
BID ITEM TO BE LUMP SUM "TRAFFIC CONTROL"

NO.	DATE	REVISION	BY	APP'D
3	7-8-96	INCLUDED TYPE IIA TAPE & CHANGED STRIPING LENGTH	WPR	NAB
2	5-8-96	CHANGED SIZE OF INERTIAL BARRIER MODULES	TCP	NAB
1	5-8-96	CHANGED SIZE OF TEMPORARY TAPE	TCP	NAB

KANSAS DEPARTMENT OF TRANSPORTATION

SUMMARY OF DEVICES AND RECAPITULATION OF QUANTITIES

~~TE75ISI~~ 7/1/94

FHWA APPROVAL 8-1-96		APP'D Nelda A. Buckley	
DESIGNED	DETAILED	QUANTITIES	TRACED
DESIGN CK.	DETAIL CK.	QUAN. CK.	TRACE CK.

Plotted By : @@USERNAME@@ Thacher Bldg. 4th Floor
Plot File : @@@@@@@@@@DGNSPEC@@@@@@@@@@
Plot Date : @@@@SYTIME@@@@