STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	C.O.W. No. 472-84843A	2009	20	37

SUMMARY OF QUANTITIES

SIGNS

TYPE	NUMBER	SQUARE FEET
FLAT SHEET	1	9
REINFORCED PANEL	17	1,942
OVERLAY		

DELINEATORS

TYPE	FLEXIBLE DELINEATOR		RIGID DELINEATOR	
	TYPE I ANCHOR	TYPE III ANCHOR	'U' POST	BRACKET MOUNT
TYPE "A" WHITE				
TYPE "A" YELLOW				
TYPE "B" WHITE				
TYPE "B" YELLOW				
TYPE "A" YELLOW (BACK TO BACK)				

OBJECT MARKERS

TYPE	NUMBER
TYPE 2 OBJECT MARKER ('U' POST)	
TYPE 3 OBJECT MARKER ('U' POST)	

SIGN STRUCTURES

TYPE	NEW	MODIFIED
OVERHEAD STRUCTURE		
CANTILEVER STRUCTURE		
BUTTERFLY STRUCTURE		
BRIDGE MOUNT		
MAST ARM SIGN SUPPORT		

REMOVALS

TYPE	NUMBER
SIGNS	2
POSTS	2
FOOTINGS	2
STRUCTURES	

POSTS AND ALUMINUM BEAMS

	4" x 6" POST			3I2.25 ALUM. BEAM	U-POSTS		GALVANIZED STEEL BEAM POST								PERFORATED SQUARE STEEL TUBE			
	WOOD		STEEL				S3x5.7		W6x9		W10x12		W10x22					
	FLAT SHEET SIGN	REINFORCED PANEL SIGN	STRUCTURAL TUBING		2 LB/FT	3 LB/FT	A36 STEEL	A572 STEEL (ALT)	A36 STEEL	A572 STEEL (ALT)	A36 STEEL	A572 STEEL (ALT)	A36 STEEL	A572 STEEL (ALT)	1-3/4"	2"	2-1/4"	2-1/2"
NUMBER									10	10	16	16	4	5				
FEET									153	153	293	293	112	144				

NUMBER AND LENGTH OF POSTS AND ALUMINUM BEAMS

LENGTH OF POSTS	4" x 6" POST			3I2.25 ALUM. BEAMS	U-POST		GALVANIZED STEEL BEAM POST								PERFORATED SQUARE STEEL TUBE			
	WOOD		STEEL				S3x5.7		W6x9		W10x12		W10x22					
	FLAT SHEET SIGN	REINFORCED PANEL SIGN	STRUCTURAL TUBING		2 LB/FT	3 LB/FT	A36 STEEL	A572 STEEL (ALT)	A36 STEEL	A572 STEEL (ALT)	A36 STEEL	A572 STEEL (ALT)	A36 STEEL	A572 STEEL (ALT)	1-3/4"	2"	2-1/4"	2-1/2"
4'-6'																		
6.1'-8'																		
8.1'-10'																		
10.1'-12'																		
12.1'-14'									8	8								
14.1'-16'											9	9						
16.1'-18'									2	2	2	2						
18.1'-20'											5	5						
20.1'-22'																		
22.1'-24'													1	1				
24.1'-26'													1	1				
26.1'-28'																		
28.1'-30'																		
30.1'-32'													1	2				
32.1'-34'													1	1				

BASE PLATES AND STUB POSTS

BREAKAWAY BASES	S3x5.7		W6x9		W10x12		W10x22	
	A36 STEEL	A572 STEEL (ALT)	A36 STEEL	A572 STEEL (ALT)	A36 STEEL	A572 STEEL (ALT)	A36 STEEL	A572 STEEL (ALT)
BASE PLATE (TOP)			10	10	16	16	4	5
STUB POST WITH BASE PLATE			10	10	16	16	4	5
NON-BREAKAWAY BASES								
BASE PLATE								

POST FOOTINGS

	CONCRETE FOOTING (DIA.)					PERFORATED SQUARE STEEL TUBE			
	WOOD	A36 STEEL		A572 STEEL (ALT)					
	18"	24"	30"	24"	30"	1-3/4"	2"	2-1/4"	2-1/2"
NUMBER		26	4	26	5				
FEET		188	44	188	60				

FOR INFORMATION ONLY

KANSAS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
FOR
INSTALLATIONS AND REMOVALS

TE439 07-01-03

FHWA APPROVAL 07-22-2003		APP'D Steven A. Buckley	
DESIGNED DDG	DETAILED KS	QUANTITIES	TRACED
DESIGN CK. SAB	DETAIL CK. DDG	QUAN. CK.	TRACE CK.

Sh. No. 20

Plotted By : gdr
Plot File : N:\2009\092I3\Standards\092I3-Standards-TE439.dgn
Plot Date : 9/22/2009
$$E\KDOTGRP$$E, 6th Floor