

RECAPITULATION OF SIGNING & DELINEATION BID ITEMS

FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	54-87 K-6657-01	2002	722	1122

BID ITEMS	PROJ. NO.		PROJ. NO.		PROJ. NO.		UNITS
	APPROXIMATE QUANTITIES		APPROXIMATE QUANTITIES		APPROXIMATE QUANTITIES		
REMOVABLE LEGEND SIGNS (HIGH PERFORMANCE)	278.00	-294.20					sq m
REMOVABLE LEGEND SIGNS (REGULAR PERFORMANCE)							sq m
REMOVABLE LEGEND SIGN OVERLAYS (HIGH PERFORMANCE)							sq m
REMOVABLE LEGEND SIGN OVERLAYS (REGULAR PERFORMANCE)							sq m
DIRECT APPLIED LEGEND SIGNS (HIGH PERFORMANCE)		1.11					sq m
DIRECT APPLIED LEGEND SIGNS (REGULAR PERFORMANCE)							sq m
DIRECT APPLIED LEGEND SIGN OVERLAYS (HIGH PERFORMANCE)							sq m
DIRECT APPLIED LEGEND SIGN OVERLAYS (REGULAR PERFORMANCE)							sq m
DIRECT SCREEN PROCESS SIGNS (HIGH PERFORMANCE)	203.00	+170.56					sq m
DIRECT SCREEN PROCESS SIGNS (REGULAR PERFORMANCE)							sq m
DIRECT SCREEN PROCESS SIGN OVERLAYS (HIGH PERFORMANCE)							sq m
DIRECT SCREEN PROCESS SIGN OVERLAYS (REGULAR PERFORMANCE)							sq m
REVERSE SCREEN PROCESS SIGNS (HIGH PERFORMANCE)	38.00	-35.69					sq m
REVERSE SCREEN PROCESS SIGNS (REGULAR PERFORMANCE)							sq m
REVERSE SCREEN PROCESS SIGN OVERLAYS (HIGH PERFORMANCE)							sq m
REVERSE SCREEN PROCESS SIGN OVERLAYS (REG. PERFORMANCE)							sq m
100 mm x 150 mm WOOD POSTS (FLAT SHEET SIGNS)		254.0					m
100 mm x 150 mm WOOD POSTS (STRUCTURAL PANEL SIGNS)	155.0	+167.0					m
312.25 ALUMINUM I-BEAM							m
3 kg/m "U" STEEL BEAM POST	0	+8.0					m
4.5 kg/m "U" STEEL BEAM POST	197.0	-677.0					m
	A36	A572(ALT)	A36	A572(ALT)	A36	A572(ALT)	
S75X8.5 STEEL BEAM POST							m
W150X13 STEEL BEAM POST	10.5	10.5					m
W250X18 STEEL BEAM POST							m
W250X33 STEEL BEAM POST	28.2	28.2					m
S75X8.5 STEEL BEAM STUB POST W/BASE PLATE							EACH
W150X13 STEEL BEAM STUB POST W/BASE PLATE	2	2					EACH
W250X18 STEEL BEAM STUB POST W/BASE PLATE							EACH
W250X33 STEEL BEAM STUB POST W/BASE PLATE	4	4					EACH
165 mm x 75 mm x 16 mm BREAKAWAY BASE PLATE							EACH
245 mm x 115 mm x 16 mm BREAKAWAY BASE PLATE	2	2					EACH
345 mm x 115 mm x 20 mm BREAKAWAY BASE PLATE							EACH
370 mm x 170 mm x 25 mm BREAKAWAY BASE PLATE	4	4					EACH
600 mm CONCRETE FOOTING (STEEL BEAM POST)	3.6	3.6					m
750 mm CONCRETE FOOTING (STEEL BEAM POST)	13.2	14.4					m
450 mm CONCRETE FOOTING (WOOD POST)							m
45 mm SQUARE STEEL POST							m
50 mm SQUARE STEEL POST							m
57 mm SQUARE STEEL POST							m
64 mm SQUARE STEEL POST		72.5					m
45 mm SQUARE STEEL POST FOOTING							EACH
50 mm SQUARE STEEL POST FOOTING							EACH
57 mm SQUARE STEEL POST FOOTING							EACH
64 mm SQUARE STEEL POST FOOTING	191.0	-21					EACH

BID ITEMS	PROJ. NO.		PROJ. NO.		PROJ. NO.		UNITS
	APPROXIMATE QUANTITIES		APPROXIMATE QUANTITIES		APPROXIMATE QUANTITIES		
TYPE "A" WHITE FLEXIBLE DELINEATOR (TYPE IANCHOR)	6						EACH
TYPE "A" YELLOW FLEXIBLE DELINEATOR (BACK TO BACK)(TYPE IANCHOR)	8						EACH
TYPE "B" WHITE FLEXIBLE DELINEATOR (TYPE IANCHOR)	2						EACH
TYPE 3 OBJECT MARKER (3.0 M POST)	10	-16					EACH
STREET NAME SIGN ASSEMBLY	15						EACH
REMOVAL AND RESETING OF SIGNS	L.S.						L.S.
SIGN STRUCTURE MODIFICATION (STA.18+278)	0	+					EACH
SIGN STRUCTURE MODIFICATION (STA.19+321)	1						EACH
SIGN STRUCTURE MODIFICATION (STA.19+947.6)	1						EACH
SIGN STRUCTURE MODIFICATION (STA.20+208)	1						EACH
OVERHEAD SIGN STRUCTURE (23.0m) ALUMINUM OR STEEL	1						EACH
OVERHEAD SIGN STRUCTURE (17.0m) ALUMINUM OR STEEL	1						EACH
OVERHEAD SIGN STRUCTURE (14.0m) ALUMINUM OR STEEL	1						EACH
OVERHEAD SIGN STRUCTURE (23.0m) ALUMINUM OR STEEL	1						EACH
OVERHEAD SIGN STRUCTURE (23.0m) ALUMINUM OR STEEL	1						EACH
OVERHEAD SIGN STRUCTURE (18.0m) ALUMINUM OR STEEL	1						EACH
OVERHEAD SIGN STRUCTURE (15.0m) ALUMINUM OR STEEL	1						EACH
OVERHEAD SIGN STRUCTURE (22.5m) ALUMINUM OR STEEL	1						EACH
MAST ARM SIGN SUPPORT (23.610m) STEEL	1						EACH
MAST ARM SIGN SUPPORT (21.790m) STEEL	1						EACH
MAST ARM SIGN SUPPORT (18.650m) STEEL	1						EACH
MAST ARM SIGN SUPPORT (21.530m) STEEL	1						EACH

NOTE:

The quantities for steelbeam posts, stub posts, base plates, and footings in the contract are for A36 steel. When furnishing A572 alternate steelbeam posts, stub posts, base plates, and footings, payment for these items will be based on A36 steel and concrete footing unit prices and quantities included in the contract.

The item of high performance aluminum retroreflective sign overlays may be either a 0.13 mm thick aluminum backing coated with a pressure sensitive adhesive or a 1mm gauge aluminum backing attached with a dome head front entry self-plugging expanding rivet or an approved equal.

The quantities for Removable Legend Sign Overlays (High Performance) in these plans are computed on the basis of the 0.13 mm thick aluminum backing coated with a pressure sensitive adhesive. When furnishing the type 1mm gauge aluminum backing attached with a dome head front entry self-plugging expanding rivet or an equal alternate, payment will be based on the 0.13 mm thick aluminum backing coated with a pressure sensitive adhesive unit price and quantity included in the contract.

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2	1-24-00	CHANGED SIZE OF SQUARE STEEL POSTS	TCP	MPM	
1	10-28-99	BASE PLATE AND SQUARE STEEL POST DIMENSIONS	TCP	MPM	
NO.	DATE	REVISION	BY	APP'D	

KANSAS DEPARTMENT OF TRANSPORTATION
 RECAPITULATION OF
 SIGNING & DELINEATION
 BID ITEMS

TE470S 9/14/93

FHWA APPROVAL	11-9-99	APP'D	NELDA A. BUCKLEY
DESIGNED	DETAILED	QUANTITIES	TRACED
DESIGN CK.	DETAIL CK.	QUAN. CK.	TRACE CK.

DSNR: OPER: SVB SCALE: 1/1997/91362/SIGNING/STANDARDS/TE470S1.DGN 1-23-2002 17:45:14 LAST REV: 2-4-2002 BY: svb