FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87-U-1362-01	1993	104	149

RECAPITULATION OF BIDDING ITEMS

BIDDING ITEMS	APPROXIMATE QUANTITIES	UNITS
REMOVABLE LEGEND SIGNS (HIGH PERFORMANCE)		SQ.FT.
REMOVABLE LEGEND SIGNS (REGULAR PERFORMANCE)		SQ.FT
DIRECT APPLIED LEGEND SIGNS (HIGH PERFORMANCE)		SQ.FT.
DIRECT APPLIED LEGEND SIGNS (REGULAR PERFORMANCE)		SQ.FT.
DIRECT SCREEN PROCESS SIGNS (HIGH PERFORMANCE)		SQ.FT.
DIRECT SCREEN PROCESS SIGNS (REGULAR PERFORMANCE)	160.79	SQ.FT.
REVERSE SCREEN PROCESS SIGNS (HIGH PERFORMANCE)		SQ.FT.
REVERSE SCREEN PROCESS SIGNS (REGULAR PERFORMANCE)	15.54	SQ.FT.
TYPE 'A' WHITE DELINEATOR (7.0' POST)		EACH
TYPE 'A' YELLOW DELINEATOR (7.0' POST)		EACH
TYPE 'A' WHITE DELINEATOR (BACK TO BACK) (7.0' POST)		EACH
TYPE 'B' WHITE DELINEATOR (7.0' POST)		EACH
TYPE 'B' YELLOW DELINEATOR (7.0' POST)		EACH
TYPE 2 OBJECT MARKER (8.0' POST)		EACH
TYPE 3 OBJECT MARKER (10.0' POST)		EACH
TYPE 3 OBJECT MARKER (11.0' POST)		EACH
TYPE 3 OBJECT MARKER (BACK TO BACK) (11.0' POST)		EACH
THERM. PLAS. REFLECTORIZED PVMT. MKG. (6"WHITE)		LIN.FT.
THERM. PLAS. REFLECTORIZED PVMT. MKG. (6"YELLOW)		LIN.FT.
THERM. PLAS. REFLECTORIZED PVMT. MKG. (16"WHITE)		LIN.FT.
THERM. PLAS. REFLECTORIZED PVMT. MKG. (24"WHITE)		LIN.FT.
THERM. PLAS. REFLECTORIZED PVMT. SYMBOL (RT. TURN ARROW)		EACH
THERM. PLAS. REFLECTORIZED PVMT. SYMBOL (R.R.)		EACH
4" x 6" WOOD POSTS (FLAT SHEET SIGNS)		EACH
COLD PLASTIC MARKING (CL. A)(4")	7,995	LIN.FT.
COLD PLASTIC MARKING (CL. A)(6")	2,020	LIN.FT.
COLD PLASTIC MARKING (CL. A)(24")	140	LIN.FT.
COLD PLASTIC MARKING (CL. B)(4")	16,020	LIN.FT.
COLD PLASTIC MARKING (CL. B)(18")	220	LIN.FT.
BREAKAWAY SIGN POST, 1-3/4"x 1-3/4"x 9'-0"		LIN.FT.
BREAKAWAY ANCHORSLEEVE, 2-1/4"x 2-1/4"x 18"		LIN.FT.
BREAKAWAY SIGN POST ANCHOR, 2"x 2"x 36"		LIN.FT.
Square Steel Post (1.75"x 1.75")	306	*Lin. Ft.*
Square Steel Post Footing (1.75"x 1.75")	102	*Lin. Ft.*

GENERAL NOTES:

Aluminum sign blanks are to be ASTM B209, Alloys 6061-T6, 5154-H38 or 5052-H38, and shall be degreased and etched. Thickness of aluminum blanks should be as follows:

APPROX. SIGN SIZE	THICKNESS
3"X8" & 5"X5" DELINEATOR	0.040"
6"X6" TO 18"X18" SIGN	0.063"
21"X15" TO 48"X24" SIGN	0.080"
48"X30" AND LARGER SIGN	0.100"
48"X48"X36" PENNANT SIGN	0.125"

The reflective sheeting used shall be high performance or regular performance as shown on the Quantities Sheet. The type of adhesive used for reflective sheeting shall be heat activated or pressure sensitive.

Design details (color, letter height, letter series) for signs shall be as shown in the STANDARD HIGHWAY SIGNS Manual (1979 Edition) unless other details are shown on the plan.

In order to expedite the completion of the project for traffic service, the Surfacing and Signing work shall be arranged in such a sequence of operation that the construction of the two phases may proceed and be completed at the same time.

All existing signing items removed by the Contractor shall remain the property of C.O.W. These items shall be stockpiled on the project at a location approved by the Engineer. It will be the responsibility of C.O.W. to remove the stockpiled items from the project site.

Caution shall be exercised when working with all existing signs, mounting hardware, or posts that are to remain. All signing items damaged through negligence of the Contractor shall be replaced at the Contractor's expense.

If new posts are to be used for sign installation, a bid item of 4" x 6" wood posts will be shown with a quantity of linear feet. The posts shall be placed a minimum of 42" into the ground and backfilled according to Sec. 207.03 of the Standard Specifications (1990 Edition). A 1¾" diameter hole shall be drilled on the centerline of the 6" dimension of the post 4" above the ground. Preservation treatment shall be in accordance with Sec. 2304 of the Standard Specifications (1990 Edition). Sign mounting heights and lateral placement shall be according to the MUTCD (1988 Edition) sections 2A-23 and 2A-24, respectively.

If no bid item for wood posts is listed, existing posts shall be used for installation of the new signs. When using existing posts, the Engineer shall determine that the posts are adequate or that KDOT will furnish replacement posts for specific locations. Any removal and/or reinstallation of existing sign posts as determined by the Engineer shall be subsidiary to other bid items. At the field installation, drill ⅜" round holes in the new sign to the same pattern as the existing sign to be replaced.

NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1	9-14-92	ADDITIONAL GENERAL NOTES	KS	

KANSAS DEPARTMENT OF TRANSPORTATION

RECAPITULATION OF BIDDING ITEMS AND GENERAL NOTES

~~TE852~~ 8/1/90 MM

SHEET NO.	SCALE	APP'D Wilda A. Babington
DESIGNED	DETAILED	QUANTITIES TRACED
DESIGN CK.	DETAIL CK.	QUAN. CK. TRACE CK.