

FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0061-01	1998	24	91

MANHOLE			
LEGEND		DIMENSIONS	
L		1.370 m	
W		1.370 m	
H		1.070 m	

BILL OF MATERIALS			
BAR SYMBOLS	BAR SIZES	BAR TOTALS	BAR LENGTHS
B	#13	17	1.295 m
B 1	#16	4	1.295 m
C	#13	17	1.295 m
C 1	#16	5	1.295 m
V	#13	28	0.991 m
X	#16	2	1.022 m
X 1	#16	4	1.200 m

MANHOLE LOCATIONS			
NUMBER	STATION	LOCATION	SIDE
	22+806.477	12.576 m	Lf.

MANHOLE	
LEGEND	DIMENSIONS
L	1.370 m
W	1.370 m
H	1.370 m

BILL OF MATERIALS			
BAR SYMBOLS	BAR SIZES	BAR TOTALS	BAR LENGTHS
B	#13	21	1.295 m
B 1	#16	4	1.295 m
C	#13	21	1.295 m
C 1	#16	5	1.295 m
V	#13	28	1.295 m
X	#16	2	1.022 m
X 1	#16	4	1.200 m

MANHOLE LOCATIONS			
NUMBER	STATION	LOCATION	SIDE
	22+662.445		Rf.

MANHOLE	
LEGEND	DIMENSIONS
L	1.370 m
W	1.370 m
H	2.130 m

BILL OF MATERIALS			
BAR SYMBOLS	BAR SIZES	BAR TOTALS	BAR LENGTHS
B	#13	31	1.295 m
B 1	#16	4	1.295 m
C	#13	31	1.295 m
C 1	#16	5	1.295 m
V	#13	28	2.057 m
X	#16	2	1.022 m
X 1	#16	4	1.200 m

MANHOLE LOCATIONS			
NUMBER	STATION	LOCATION	SIDE
	22+997.000	9.000 m	Rf.

NO.	DATE	REVISIONS	BY	APP'D
1	1-27-97	Revised Rebar Designation	R.J.S.	J.O.B.

KANSAS DEPARTMENT OF TRANSPORTATION  
**REINFORCING STEEL  
 FOR  
 MANHOLES**

DESIGNED	2-18-97	APP'D, James O. Brewer	QUANTITIES	TRACED	B.N.B.
DESIGN CK.	DETAIL CK.	QUAN. CK.	TRACE CK.	R.J.S.	

Drawn By: \$\$\$USERNAME\$\$\$ Plotted: \$\$\$SYTIME\$\$\$  
 File: \$\$\$DGNISPEC\$\$\$