STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-84021	2004	20	35

REMOVAL OF EXISTING STRUCTURES *

STATION TO STATION		SIDE	ITEM
53+52.87	53+96.37	℄	Existing R.C.B.B. 5-8'x4'x40'-0" including Wingwalls

* FOR INFORMATION ONLY

GEOGRID REINFORCEMENT (FOR BASE) OR SUBGRADE(CRUSHED STONE)(6")

STATION TO STATION		WIDTH (ft)	QUANTITY (Sq. Yds.)
53+02.54	53+53.45	Var.	295.1
53+96.79	54+47.48	Var.	306.0
TOTALS			601.1

SOD (BERMUDA GRASS STRIPS)

STATION TO STATION		SIDE	WIDTH (ft)	QUANTITY (Sq. Yds.)
53+02	53+09	Lt.	2.0	4.3
53+02	53+09	Rt.	2.0	3.5
53+37	53+75	Lt.	2.0	9.2
53+75	54+13	Lt.	2.0	9.2
53+36	53+75	Rt.	Var.	43.8
53+75	54+13	Rt.	Var.	41.0
54+39	54+49	Rt.	2.0	3.6
54+40	54+49	Lt.	2.0	4.6
Totals				119.2

PAVEMENT REMOVAL

(Includes flumes, sidewalk areas and curb and gutter)

STATION TO STATION		WIDTH (ft)	QUANTITY (Sq. Yds.)
53+02.54	53+53.45	Var.	343.0
53+96.29	54+47.48	Var.	345.4
TOTALS			688.4

CURB AND GUTTER COMBINED (AE)

STATION TO STATION		SIDE	TYPE I (ft)
53+38.01	53+53.45	Lt.	19.2
53+36.33	53+53.45	Rt.	25.2
53+96.29	54+11.37	Lt.	18.4
53+96.29	54+13.37	Rt.	25.2
Totals			88.0

CONCRETE PAVEMENT(8" UNIF.)(AE) (NRDJ)

STATION TO STATION		WIDTH (ft)	QUANTITY (Sq. Yds.)
53+12.42	53+53.45	Var.	197.7
53+96.29	54+37.35	Var.	198.7
TOTALS			396.4

SIDEWALK CONSTRUCTION (4")(AE)

STATION	SIDE	WIDTH (ft)	QUANTITY (Sq. Ft.)
53+44	Lt.	Varies	138
53+44	Rt.	Varies	165
54+05	Lt.	Varies	134
54+05	Rt.	Varies	163
Totals			600

CONCRETE FLUME (For Information Only)

STATION	SIDE	QUANTITY (Sq. Ft.)
53+44	Lt.	385.0
54+05	Lt.	387.6
Totals		772.6

RECAPITULATION OF BRIDGE QUANTITIES

BRIDGE NUMBER	STATION	SEE SHEET NO.
530400870CCWR50	53+74.87	13

RECAPITULATION OF ROAD QUANTITIES

ITEM	QUANTITY	UNIT
Clearing and Grubbing	Lump Sum	Lump Sum
Sidewalk Construction(4")(AE)	600	Sq.Ft.
Water(Grading)(Set)	1.00	Mg
Compaction(Type B)(MR-90)	101	Cu.Yd.
Slope Protection(Riprap Stone)(Grouted)	159	Cu.Yd.
Erosion Control(TPWPC)	Lump Sum	Lump Sum
Removal of Existing Structure	Lump Sum	Lump Sum
Milling (2")	40	Sq.Yd.
Sod(Bermuda Grass Strips)	120	Sq.Yd.
Traffic Control	Lump Sum	Lump Sum
Field Office and Lab(Type A)	1	Each
Mobilization	Lump Sum	Lump Sum
Mobilization(DBE)	Lump Sum	Lump Sum
Concrete Pavement(8" Uniform)(AE)(NRDJ)	397	Sq.Yd.
Reinforced Subgrade(Crushed Stone)(6")	601	Sq.Yd.
Pavement Removal	689	Sq.Yd.
Plant Mix Bituminous Mixture(Commercial Grade)	1.00	Tons
Combined Curb and Gutter(AE)	88	Lin.Ft.
Concrete Flume	2	Each
8" Reinforced Concrete Valley Gutter	169	Sq. Yd.
Monolithic Edge Curb 6⅝" x 1½"	79	Lin. Ft.
‡ Waterline Relocation	1	Lump Sum

‡ Non-Participating

MILLING (2")

STATION	SIDE	QUANTITY (Sq. Yds.)
53+01	℄	5.8
53+23	Lt.	8.6
53+23	Rt.	4.8
54+26	Lt.	8.1
54+26	Rt.	6.7
54+49	℄	5.8
Totals		39.8

SLOPE PROTECTION(RIPRAP STONE)(GROUTED)

STATION	SIDE	QUANTITY (Cu. Yds.)
53+75	Lt.	75.0
53+75	Rt.	83.4
Totals		158.4

MONOLITHIC EDGE CURB 6⅝" x 1½"

STATION	SIDE	QUANTITY (Lin. Ft.)
53+06	Lt.	21.0
53+06	Rt.	17.3
54+40	Lt.	22.1
54+40	Rt.	18.0
Totals		78.4

8" REINFORCED CONCRETE VALLEY GUTTER PAVEMENT

STATION	SIDE	QUANTITY (Sq. Yds.)
53+08	℄	52.5
53+23	Lt.	28.2
54+26	Lt.	33.5
54+43	℄	54.9
Totals		169.1

EARTHWORK

‡

STATION to STATION	EXCAVATION COMMON CU.YDS.	COMMON VMF	ROCK CU.YDS.	ROCK VMF	CONTR. FURN. CU.YDS.	COMPACTION TYPE AA MR- CU.YDS.	TYPE B MR-90 CU.YDS.	THROUGH CUTS NOT SUBGRADED COMM. CU.YDS.	TYPE AA CU.YDS.	* EMBANKMENT (CU.YDS.) INITIAL CONSOL.	SETTLE-MENT	▲PLACE. SELECT SOIL CU.YDS.
53+02.54 to 53+53.45							50					
53+96.29 to 54+47.48							51					
TOTALS							101					

* Subsidiary (see General Note). ▲ See General note.

See Sht. No. 18 for Waterline Relocation
See Sht. No. 25 for Sodding Recapitulation
See Sht. No. 26 for Traffic Control Recapitulation

NO.	DATE	REVISIONS	BY	APP'D.
1	1-9-91	Detailed on CADD	R.L.S	J.O.B.

KANSAS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

RD050

FHWA APPROVAL 1-17-91		APP'D James O. Brewer	
DESIGNED	DETAILED	QUANTITIES	TRACED B.N.B.
DESIGN CK.	DETAIL CK.	QUAN.CK.	TRACE CK. R.L.S.

Drawn By :kdot Plotted :drp 9-8-2004
File :i:2004/04330/officecheck/04330_C-RD050(EP).dgn