FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS		1997	23	35

CURB & GUTTER

STA. TO STA.		STREET	SIDE	(AE) TYPE I Lin. Ft.	(AE) TYPE II Lin. Ft.	REMARKS
97+17.47	99+50.02	First Street	Lt	243.97		
97+10.00	99+36.52	First Street	Rt.	237.94		
99+80.02	101+29.94	First Street	Lt.	169.90		
99+93.52	101+36.94	First Street	Rt.	166.25		
101+62.94	101+85.44	First Street	Rt.	33.92		
101+69.94	103+24.76	First Street	Lt.	171.94		
101+85.44	103+04.26	First Street	Rt.		118.82	
103+04.26	103+26.76	First Street	Rt.	33.92		
103+52.76	105+34.00	First Street	Rt.	204.07		
103+54.76	105+21.00	First Street	Lt.	174.80		
105+21.00	105+39.00	First Street	Lt.		23.00	
105+39.00	106+05.00	First Street	Lt.	77.42		
105+59.00	106+47.50	First Street	Rt.	117.04		
106+21.00	106+41.00	First Street	Lt.	49.45		
		TOTALS		1680.62	141.82	

CONCRETE PAVEMENT (6" UNIF.) (AE) (PLAIN)

STATION	SIDE	WIDTH FT.	LENGTH FT.	WING SQ. FT.	AREA SQ. YDS.	REMARKS
99+65.02	Lt.	22.5	21.0	217.28	76.64	Mead
99+65.02	Rt.	22.5	56.0	217.28	164.14	Mead
105+30.00	Lt.	14.0	18.0	55.41	34.16	18' Drive
105+46.50	Rt.	22.5	21.0	217.44	76.64	25' Drive
106+13.00	Lt.	20.0	16.0	58.10	42.01	16' Drive
				TOTALS	393.59	

CONCRETE PAVEMENT (6" UNIF.) (AE)

STA. TO STA.		SIDE	SQ. YDS.	REMARKS
101+29.44	101+70.74	℄	223.44	
103+19.26	103+60.26	℄	234.56	
TOTALS			458.00	

CONCRETE PAVEMENT (8" UNIF.) (AE)

STA. TO STA.		SIDE	SQ. YDS.	REMARKS
101+17.44	101+82.44	℄	241.07	Rock Island
101+82.44	103+07.26	℄	202.10	
103+07.26	103+72.26	℄	248.85	Mosley
TOTALS			692.02	

CONCRETE PAVEMENT (11"UNIF.) (AE)

STA. to STA.		SIDE	SQ. YDS.	REMARKS
101+15.44	101+82.44	℄	60.65	Rock Island
101+82.44	103+07.26	℄	384.34	
103+07.26	103+74.26	℄	60.65	Mosley
TOTALS			505.64	

SIDEWALK (4") (AE)

STA. TO STA.		ROADWAY	SIDE	WIDTH FT.	SQ. YDS.	REMARKS
97+10.00	99+37.00	First Street	Rt.	5.0	126.72	Begin Project to Mead
97+17.47	99+30.02	First Street	Lt.	5.0	118.08	Begin Project to Mead
99+93.02	101+17.44	First Street	Rt.	5.0	69.12	Mead to Rock Island
100+00.02	101+17.44	First Street	Lt.	11.5	150.04	Mead to Rock Island
101+82.44	103+07.26	First Street	Lt.	11.5	133.94	Rock Island to Mosley
103+72.26	105+22.00	First Street	Lt.	11.5	191.33	Mosley to 18' Drive
103+72.26	105+34.00	First Street	Rt.	5.0	89.86	Mosley to 25' Drive
105+39.00	106+05.00	First Street	Lt.	5.0	36.67	18' Drive to 16' Drive
105+59.00	106+47.00	First Street	Rt.	Varies	110.78	25' Drive to Washington
106+21.00	106+42.00	First Street	Lt.	Varies	13.89	16' Drive to Washington
				TOTAL	1040.43	

5" CRUSHED STONE BASE

STATION to STATION		ROADWAY	WIDTH	SQ. YDS.
97+10.00	97+40.00	First Street	Varies	20.43
97+40.00	101+15.44	First Street	Varies	598.07
101+15.44	103+74.26	First Street	Varies	1913.39
103+74.26	105+50.00	First Street	Varies	126.14
105+50.00	106+50.00	First Street	Varies	179.38
			TOTAL	2,837.41

BIAXIAL GEOGRID REINFORCEMENT

STA. to STA.		ROADWAY	WIDTH	SQ. YDS.
97+10.00	97+40.00	First Street	Varies	20.43
97+40.00	101+15.44	First Street	Varies	598.07
101+15.44	103+74.26	First Street	Varies	1913.39
103+74.26	105+50.00	First Street	Varies	126.14
105+50.00	106+50.00	First Street	Varies	179.38
			TOTAL	2,837.41

EARTHWORK

STA. TO STA.		EXCAVATION					COMPACTION	THROUGH CUTS NOT SUBGRADED
		COMMON		ROCK		CONTR. FURN.	TYPE B MR-90	TYPE B MR-90
		CU. YDS.	VMF	CU. YDS.	VMF	CU. YDS.	CU. YDS.	CU. YDS.
96+48.00	106+50.00	50	0.74	1170		20	50	960
TOTALS		50		1170		20	50	960

WATER LINE

STA. TO STA.		STREET	SIDE	WATER PIPE Lin. Ft.		CICL MJ BENDS EACH		VALVE ASSEMBLY EACH	FIRE HYDRANT ASSEMBLY EACH
				8"	DICL SJ 8"	45° 8" Vert.	45° 8"	8" MJ GATE VALVE	
49+93.38		Moore	Lt.			1			
49+93.38-49+97.86		Moore	Lt.		4.50				
49+97.86		Moore	Lt.			1			
49+97.86-50+07.86		Moore	Lt.		10.00				
50+07.86		Moore	Lt.			1			
50+07.86-50+12.34		Moore	Lt.		4.50				
50+12.34		Moore	Lt.			1			
99+20.00		First	Rt.					1	1
104+38.50		First	Lt.				1		
104+38.50-104+42.50		First	Lt.		5.67				
104+42.50		First	Lt.				1		
104+42.50-104+64.50		First	Lt.	22.00					
104+64.50		First	Lt.				1		
104+64.50-104+68.50		First	Lt.		5.67				
104+68.50		First	Lt.				1		
106+27.00		First	Lt.					1	1
		TOTALS		22.00	30.34	4	4	2	2

PAVERS (BRICK)

STA. TO STA.		SIDE	SQ.YDS.	REMARKS
101+29.44	101+70.74	℄	223.44	
103+19.26	103+60.26	℄	234.56	
TOTALS			458.00	

PAVERS (RED HOLLAND-STONE)

STA. TO STA.		SIDE	SQ.YDS.	REMARKS
99+30.02	99+93.02	Lt.	47.59	Mead
101+17.44	101+82.44	℄	241.07	Rock Island
101+82.44	103+07.26	℄	202.10	
103+07.26	103+72.26	℄	248.85	Mosley
TOTALS			739.61	

PAVERS (BROWN TONE CHAMFERED)

STA. to STA.		SIDE	SQ. YDS.	REMARKS
101+17.44	101+82.44	℄	44.44	Rock Island
103+07.26	103+72.26	℄	44.44	Mosley
TOTALS			88.88	

RECAPITULATION OF ROAD QUANTITIES

ITEM	QUANTITY	UNIT
Clearing & Grubbing	Lump Sum	Lump Sum
Common Excavation	50	Cu. Yds.
Rock Excavation	1170	Cu. Yds.
Removal of Existing Structures	Lump Sum	Lump Sum
Water (Grading) (Set)	1	M. Gal
Compaction of Earthwork (Type B) (MR-90)	1010	Cu. Yds.
5" Crushed Stone Base	2837	Sq. Yds.
Biaxial Geogrid	2837	Sq. Yds.
Concrete Pavement (6" Unif.)(AE)(Plain)	394	Sq. Yds.
Concrete Pavement (6" Unif.)(AE)	458	Sq. Yds.
Concrete Pavement (8" Unif.)(AE)	692	Sq. Yds.
Concrete Pavement (11" Unif.)(AE)	506	Sq. Yds.
Pavers (Brick)	458	Sq. Yds.
Pavers (Red Holland - Stone)	740	Sq. Yds.
Pavers (Brown Tone Chamfered)	89	Sq. Yds.
Sidewalk Construction (4" Unif.)(AE)	1040	Sq. Yds.
Curb & Gutter Combined (AE)	1822	Lin. Ft.
Inlet (Type I)(Curb)	5	Each
Inlet (I(Drop)	1	Each
Inlet (Driveway Grated)	1	Each
Manhole (Reinforced Concrete)	3	Each
Ajustment for Existing Valves and Manholes	Lump Sum	Lump Sum
18" Storm Sewer (RCP)	142	Lin. Ft.
36" Storm Sewer (RCP)	346	Lin. Ft.
Temporary Surfacing Material	1	Cu. Yds.
Mobilazation	Lump Sum	Lump Sum
Field Office & Lab (Type A)	1	Each
Concrete Cores (Set)	1	Each
WATER LINE		
8" Water Pipe	22	Lin. Ft.
8" Water Pipe (DICL SJ)	30	Lin. Ft.
45° Vertical Bends (8" CICL MJ)	4	Each
45° Bends (8" CICL MJ)	4	Each
Valve Assembly (8" MJ Gate)	2	Each
Fire Hydrant Assembly	2	Each

REMOVAL OF EXISTING STRUCTURES (FOR INFORMATION ONLY)

STATION	SIDE	ITEM	QUANITY
96+48	Lt.	Catch Basin	1 Each
97+36	Rt.	Manhole	1 Each
97+36	Rt.	10" VCP	88 L.F.
98+90	Lt.	Catch Basin	1 Each
99+09	Rt.	Manhole	1 Each
99+09	Rt.	10" VCP	173 L.F.
99+09	Rt.	Catch Basin	1 Each
99+29	Rt.	Fire Hydrant	1 Each
99+58	Rt.	Manhole	1 Each
99+58	Rt.	12" VCP	49 L.F.
99+94	Rt.	12" VCP	36 L.F.
102+90	Lt.	Catch Basin	1 Each
102+99	Rt.	Catch Basin	1 Each
103+80	Lt.	Catch Basin	1 Each
103+81	Rt.	Catch Basin	1 Each
106+34	Lt.	Fire Hydrant	1 Each

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

KANSAS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

~~STD. NO. 50.2~~

FHWA APPROVAL 1-17-91		APP'D James O. Brewer	
DESIGNED ---	DETAILED ---	QUANTITIES R.S.	CADD G.B.
DESIGN CK. ---	DETAIL CK. ---	QUAN.CK. T.P.	CADD CK. T.P.