STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	87N-0192-01	2003	36	85

100 mm SIDEWALK

Station To Station		Length(m)	Area (s.m.)	Side
1+101.88	1+111.01	9.1	13.7	Rt.
1+111.01	1+136.17	25.2	37.7	Rt.
1+136.17	1+147.32	11.2	16.7	Rt.
1+147.32	1+150.00	2.7	4.0	Rt.
1+108.08	1+127.73	19.7	29.5	Lt.
1+127.73	1+134.77	7.0	10.6	Lt.
1+134.77	1+150.00	15.2	22.9	Lt.
1+150.00	1+153.30	3.3	5.0	Lt.
1+153.30	1+178.90	25.6	38.4	Lt.
1+178.90	1+254.39	75.5	113.2	Lt.
1+270.41	1+300.00	29.6	44.4	Lt.
1+150.00	1+196.25	46.3	69.4	Rt.
1+196.25	1+207.62	11.4	17.1	Rt.
1+207.62	1+241.17	33.6	50.3	Rt.
1+257.26	1+300.00	42.7	64.1	Rt.
1+300.00	1+304.54	4.5	6.8	Rt.
1+304.54	1+314.62	10.1	15.1	Rt.
1+314.62	1+331.02	16.4	24.6	Rt.
1+331.02	1+340.86	9.8	14.8	Rt.
1+340.86	1+351.17	10.3	15.5	Rt.
1+368.13	1+377.28	9.2	13.7	Rt.
1+377.28	1+384.52	7.2	10.9	Rt.
1+384.52	1+424.27	39.8	59.6	Rt.
1+424.27	1+430.72	6.5	9.7	Rt.
1+430.72	1+445.00	14.3	21.4	Rt.
1+300.00	1+352.73	52.7	79.1	Lt.
1+368.63	1+407.47	38.8	58.3	Lt.
1+407.47	1+414.59	7.2	10.8	Lt.
1+414.59	1+445.00	30.4	45.6	Lt.
1+445.00	1+449.82	4.8	7.2	Lt.
1+466.90	1+502.45	35.6	53.3	Lt.
1+502.45	1+507.99	5.6	8.5	Lt.
1+507.99	1+541.30	33.3	50.0	Lt.
1+558.24	1+600.00	41.8	62.6	Lt.
1+445.00	1+448.55	3.6	5.3	Rt.
1+465.34	1+473.39	8.1	12.1	Rt.
1+473.39	1+476.21	2.9	4.3	Rt.
1+476.21	1+498.78	22.6	33.9	Rt.
1+498.78	1+508.86	10.3	15.5	Rt.
1+508.86	1+539.21	30.4	45.5	Rt.
1+556.30	1+573.16	16.9	25.3	Rt.
1+573.16	1+575.62	2.5	3.8	Rt.
1+575.62	1+589.59	14.0	21.0	Rt.
1+589.59	1+596.95	7.5	11.3	Rt.
1+596.95	1+600.00	3.1	4.6	Rt.
1+600.00	1+609.72	9.7	14.6	Rt.
1+609.72	1+612.71	3.0	4.5	Rt.
1+612.71	1+630.03	17.3	26.0	Rt.
1+646.96	1+653.52	6.4	9.7	Rt.
1+653.52	1+680.79	27.3	40.9	Rt.
1+683.74	1+697.29	13.6	20.3	Rt.
1+697.29	1+703.99	7.0	10.5	Rt.
1+703.99	1+715.06	11.1	16.6	Rt.
1+715.06	1+719.08	4.0	6.0	Rt.
1+719.08	1+720.85	1.8	2.7	Rt.
1+738.00	1+744.79	7.0	10.5	Rt.
1+744.79	1+750.00	5.2	7.8	Rt.
1+600.00	1+632.56	32.6	48.8	Lt.
1+632.56	1+649.68	17.1	25.7	Lt.
1+649.68	1+750.00	100.3	150.5	Lt.
1+750.00	1+769.03	19.0	28.5	Lt.
1+769.03	1+780.70	12.1	18.1	Lt.
1+780.70	1+820.33	39.6	59.4	Lt.
1+836.24	1+856.52	20.3	30.4	Lt.
1+856.52	1+859.95	3.5	5.3	Lt.
1+859.95	1+862.21	2.3	3.4	Lt.
1+862.21	1+900.00	37.8	56.7	Lt.
1+750.00	1+794.75	44.8	67.1	Rt.
1+794.75	1+800.11	5.6	8.4	Rt.
1+800.11	1+813.24	13.1	19.7	Rt.
1+833.44	1+878.57	45.1	67.7	Rt.
1+878.57	1+888.80	10.8	16.2	Rt.
1+888.80	1+900.00	11.2	16.8	Rt.
1+900.00	1+907.02	7.0	10.5	Rt.
1+907.02	1+916.29	9.7	14.5	Rt.
1+916.29	1+942.53	26.2	39.4	Rt.
1+942.53	1+946.14	3.7	5.6	Rt.
1+946.14	1+963.74	17.6	26.4	Rt.
1+963.74	1+971.66	8.1	12.1	Rt.
1+971.66	1+982.26	10.6	15.9	Rt.
1+982.26	1+990.18	8.1	12.2	Rt.
1+990.18	2+016.33	26.2	39.2	Rt.
2+016.33	2+025.26	9.1	13.7	Rt.
2+025.26	2+043.57	18.3	27.5	Rt.
2+043.57	2+053.71	10.5	15.7	Rt.
1+900.00	1+969.25	69.3	103.9	Lt.
1+969.25	1+973.44	4.3	6.4	Lt.
1+973.44	1+980.88	7.4	11.2	Lt.
1+996.32	2+050.00	53.7	80.5	Lt.
2+050.00	2+141.79	91.8	137.7	Lt.
2+157.92	2+200.00	42.1	63.1	Lt.
2+053.71	2+083.10	29.4	44.1	Rt.
2+083.10	2+096.70	14.0	21.0	Rt.
2+096.70	2+141.29	44.6	66.9	Rt.
2+156.23	2+200.00	43.8	65.7	Rt.
2+200.00	2+239.68	39.7	59.5	Rt.
2+239.68	2+250.51	11.1	16.6	Rt.

100 mm SIDEWALK (continued)

Station To Station		Length (m)	Area (s.m.)	Side
2+250.51	2+320.04	69.5	104.3	Rt.
2+200.00	2+255.43	55.4	83.1	Lt.
2+255.43	2+264.91	9.6	14.4	Lt.
2+264.91	2+268.98	4.1	6.1	Lt.
2+529.07	2+545.30	16.9	25.4	Rt.
2+545.30	2+599.40	54.1	81.2	Rt.
2+599.40	2+608.63	12.4	18.6	Rt.
TOTAL			3322.3	

200 mm CONCRETE PAVEMENT (Drive)

Station	Side	Area (sq.m.)
1+060.07	Left	77.23
1+062.13	Right	28.67
1+106.48	Right	44.47
1+114.85	Left	68.41
1+134.26	Right	15.30
1+150.97	Right	27.28
1+182.71	Right	33.59
1+199.06	Left	53.60
1+218.34	Left	35.17
1+303.56	Left	24.94
1+327.26	Left	63.22
1+874.17	Right	51.03
1+901.75	Right	56.70
1+950.99	Right	56.61
2+057.90	Right	44.57
2+101.88	Right	62.12
2+131.06	Right	63.01
2+203.10	Right	60.46
2+277.91	Right	50.68
2+315.32	Right	43.98
2+521.14	Right	33.05
2+607.930	Left	3.7
Total		997.8

V.G. CONCRETE PAVEMENT (200 mm) (REINFORCED)

Station	Side	Area (sq.m.)
Crestline Avenue	Left	79.84
Crestline Avenue	Right	80.25
Valleyview Lane	Left	80.15
Valleyview Lane	Right	115.06
Chipper Lane	Left	119.00
Chipper Lane	Right	114.24
Fairway Avenue	Left	117.88
Fairway Avenue	Right	116.96
Norman Avenue	Left	120.95
Norman Avenue	Right	114.84
Maus Lane	Left	117.56
Caddy Lane	Right	107.77
Caddy Lane	Left	145.16
Driveway onto Frontage Road	Right	79.50
Westlink Avenue	Left	93.65
Westlink Avenue	Right	83.00
Murray Avenue	Left	82.10
Total		1767.91

175 mm AC PAVEMENT (125 mm BITUMINOUS BASE) BM-2 (PG 70-28)

Station To Station	Length (m)	Width (m)	Area (sq.m.)	Side
1+097.212 - 1+150.000	52.79	Varies	711.5	Mainline left and right
1+150.000 - 2+169.165	1019.17	18.0	18345.0	Mainline left and right
2+182.295- 2+280.000	97.70	18.0	1758.7	Mainline left and right
1+280.000 - 2+324.262	44.26	Varies	443.0	Mainline left and right
2+514.610 - 2+613.810	99.20	Varies	296.4	Right Turn Lane at Tyler Road
2+465.609 - 2+499.276	Varies	Varies	64	Temporary Asphalt Surface
S. Crestline			96.8	
N. Crestline			98.3	
S. Valleyview			118.0	
N. Valleyview			97.7	
Total			22,029.4	

DRAINAGE STRUCTURES

Station	Side	Size	Type	Line		375 mm	450 mm	600 mm
1+235.322	Rt.	3.500 x 1.300	TYPE I	1D				
1+238.602	Rt.	2.440 x 2.440	M.H.	1D				
1+237.438	Rt.		R.C.P.	1D		3.38		
1+248.415	Lt.	3.500 x 1.300	TYPE I	1A				
1+250.358	Lt.		R.C.P.	1A		2.48		
1+251.335	Lt.	2.440 x 2.440	M.H.	1A				
1+260.319	Rt.	2.440 x 2.440	M.H.	1C				
1+262.204	Rt.	1.930 x 1.300	TYPE I	1C				
1+261.262	Rt.		R.C.P.	1C		2.90		
1+273.119	Lt.	2.440 x 2.440	M.H.	1B				
1+274.185	Lt.		R.C.P.	1B		3.15		
1+275.250	Lt.	1.930 x 1.300	TYPE I	1B				
1+345.146	Rt.	1.930 x 1.300	TYPE I	2D				
1+346.683	Rt.		R.C.P.	2D		3.09		
1+348.220	Rt.	2.440 x 2.440	M.H.	2D				
1+347.719	Lt.	1.930 x 1.300	TYPE I	2A				
1+348.431	Lt.		R.C.P.	2A		1.48		
1+349.142	Lt.	2.440 x 2.440	M.H.	2A				
1+366.154	Lt.		R.C.P.	2B		10.24		
1+373.635	Lt.	1.930 x 1.300	TYPE I	2B				
1+370.434	Rt.	2.440 x 2.440	M.H.	2C				
1+372.297	Rt.		R.C.P.	2C		3.20		
1+374.159	Rt.	1.930 x 1.300	TYPE I	2C				
1+841.972	Rt.	1.930 x 1.300	TYPE I	4A				
1+839.957	Lt.	1.930 x 1.300	TYPE 1	4A				
1+839.957	Rt.		R.C.P.	4A			19.61	
1+997.584	Lt.	1.930 x 1.300	TYPE I	4				
2+087.610	Lt.		R.C.P.	4			247.65	
1+997.574	Rt.	1.930 x 1.300	TYPE I	4B				
1+997.574	Lt.		R.C.P.	4B			19.52	
2+090.402	Rt.	5.000 x 1.300	TYPE I	3				
2+090.615	Lt.	5.000 x 1.300	TYPE I	3				
2+090.615	Lt.		R.C.P.	3			4.17	
2+261.681	Lt.	1.930 x 1.300	TYPE I	5				
Total						29.92	290.95	

EARTHWORK

Station To Station	EXCAVATION Common m3	Common VMF	Rock m3	Rock VMF	COMMON (CONTR. FURN.) m3	COMPACTION TYPE B MR-90 m3
1+100 - 2+320	8,020	0.85	2,850	0.85	0.0	3,845
2+320 - 2+600	210	0.85	24	0.85	0.0	47
2+465.609 - 2+499.276			64			
2+607.930			0.8			
Total	8,230		2,938.8			3892

8,230	c.m.	Common Excavation (VMF= 0.85)	
2,939	c.m.	Rock Excavation	
77	c.m.	Embankment	
8,139	c.m.	Common Excavation Waste	

CRUSHED ROCK SUBGRADE

Station To Station	Length (m)	Width (m)	Area (sq.m.)	Side
1+097.212 - 1+150.000	52.79	Varies	743.7	Mainline left and right
1+150.000 - 2+169.165	1019.17	18.61	18966.7	Mainline left and right
2+182.295- 2+280.000	97.70	18.61	1818.3	Mainline left and right
1+280.000 - 2+324.262	44.26	Varies	456.5	Mainline left and right
2+514.610 - 2+613.810	99.20	Varies	329.1	Right Turn Lane at Tyler Road
S. Crestline			102.1	
N. Crestline			103.6	
S. Valleyview			118.0	
N. Valleyview			97.7	
S. Chipper			141.0	
N. Chipper			146.0	
S. Fairway			140.7	
N. Fairway			144.3	
S. Norman			139.7	
N. Norman			145.3	
Maus			142.5	
S. Caddy			166.7	
N. Caddy			134.5	
S. Westlink			103.3	
N. Westlink			116.5	
Murray			99.4	
Total			24355.6	

WATER VALVES

Station	Offset (M)	Existing (M)	Proposed (M)	Valve #	Participating	Non-Participating
1+147.399	13.404 Lt.	47.582	47.529	18866		X
1+188.777	8.917 Rt.	46.318	46.195	20903	X	
1+191.181	8.996 Rt.	46.351	46.153	20212	X	
1+268.432	12.600 Lt.	45.606	———	12090		
1+268.715	9.984 Lt.	45.599	———	13934		
1+269.995	14.962 Lt.	45.694	———	10750		
1+353.188	16.240 Lt.	46.087	———	10749		
1+367.315	12.350 Lt.	46.075	46.196	10748	X	
1+369.696	12.875 Lt.	46.200	46.225	2307		X
1+459.791	8.078 Rt.	46.154	———	10835		
1+465.395	13.551 Lt.	46.477	46.163	10747		X
1+541.798	15.181 Lt.	46.222	———	———		
1+632.116	10.219 Rt.	42.216	44.477	269	X	
1+722.234	9.637 Rt.	43.973	43.936	10834	X	
1+723.221	10.224 Rt.	43.913	43.946	264	X	
1+811.030	13.781 Rt.	43.888	43.766	10692		X
1+813.312	11.158 Rt.	43.844	———	10691		
1+814.442	9.761 Rt.	43.825	43.577	10833	X	
1+834.449	23.877 Lt.	43.612	———	10693		
1+859.514	10.742 Rt.	43.946	43.706	15058		X
1+866.891	10.442 Rt.	43.841	43.628	15245		X
1+958.101	9.742 Rt.	43.736	43.432	1013	X	
2+143.084	9.740 Rt.	43.645	43.276	12441	X	
2+143.700	8.728 Rt.	43.492	43.204	12440	X	
2+216.640	9.109 Rt.	43.771	43.318	12439	X	
2+286.102	8.424 Rt.	43.176	43.313	———	X	
2+357.798	8.997 Rt.	43.032	43.032		X	
2+423.864	8.996 Rt.	43.254	43.254		X	
2+460.384	12.600 Lt.	43.363	43.363			
2+533.788	9.781 Rt.	43.760	43.749	21897	X	
2+541.115	8.343 Rt.	43.838	43.749	———	X	
				Total	16	6

WHEELCHAIR RAMP QUANTITIES

Station	Side	Qnty.
1+241.168	Right	1
1+254.390	Left	1
1+257.261	Right	1
1+270.411	Left	1
1+351.175	Right	1
1+352.727	Left	1
1+368.131	Right	1
1+368.627	Left	1
1+446.947	Right	1
1+449.823	Left	1
1+466.690	Right	1
1+466.902	Left	1
1+537.841	Right	1
1+541.299	Left	1
1+557.648	Right	1
1+558.243	Left	1
1+628.680	Right	1
1+632.563	Left	1
1+649.680	Left	1
1+650.002	Right	1
1+700.000	Right	1
1+700.000	Left	1
1+718.255	Right	1
1+739.555	Right	1
1+813.314	Right	1
1+820.334	Left	1
1+833.437	Right	1
1+836.243	Left	1
1+980.877	Left	1
1+996.319	Left	1
2+141.290	Right	1
2+141.786	Left	1
2+156.232	Right	1
2+157.916	Left	1
2+268.976	Left	1
2+285.619	Left	1
2+606.000	Right	1
2+621.339	Right	1
Total		38

RECAPITULATION OF ROAD QUANTITIES

BID ITEMS	QUANTITY	UM
Paving Items		
Mobilization	1	LS
Mobilization (DBE)	1	LS
Trainee (Highway 1 Set)	500	HR
Construction Traffic Control	1	LS
Clearing and Site Preparation	1	LS
Construction Field Office and Lab (Type A)	1	LS
Site Restoration	1	LS
Rock Excavation	2,939	CU M
Removal of Existing Structures	1	LS
V.G. Concrete PVMT (200 mm) (Reinforced)	1,768	SQ M
200 mm Concrete Pavement (Drive) (Reinforced)	998	SQ M
Crushed Stone Subgrade (200 mm)	24,356	SQ M
50 mm Milling	7,269	SQ M
50 mm AC Pavement BM2 (PG 70-28)	7,273	SQ M
175 mm AC Pavement (125 mm Bit. Base) BM2 (PG 70-28)	22,030	SQ M
Concrete Bonded Overlay (75 mm)	237	SQ M
Combined Curb & Gutter (Type I& II)	2,200	M
Monolithic Edge Curb	475	M
Median Brick	64	SQ M
Brick Crosswalk	44	SQ M
Common Excavation	8,230	CU M
Compaction of Earthwork (Type B) (MR-90)	3,892	CU M
Pavement Markings	1	LS
Sod	1	LS
Temporary Sediment Barriers	1	LS
Wheelchair Ramps	38	EA
100 mm Sidewalk	3,323	SQ M
Pedestrian Signal	1	LS
Traffic Signal Modification at Central & Tyler	1	LS
Adjustment of Water Valves	16	EA
Signing	1	LS
Drainage Items		
Storm Sewer (375 mm) (RCP)	29.9	M
Storm Sewer (450 mm) (RCP)	291.0	M
Manhole (Standard)	7	EA
Manhole Adjustment	1	EA
Curb Inlet (Type I) (L-2.0, W-1.3)	11	EA
Curb Inlet (Type I) (L-3.5, W-1.3)	2	EA
Curb Inlet (Type I) (L-5.0, W-1.3)	2	EA
Non-Participating Items		
Signing (Street Name Signs)	1	LS
Adjustment of Water Valves	6	EA
Adjustment of SWB Manholes	8	EA
Sprinkler System Adjustment	1	LS

50 mm Milling

Station to Station	Length (m)	Width (m)	Area (sq.m.)	Side
1+038.797 - 1+096.930	58.13	Varies	396.9	Mainline Right
1+038.797 - 1+110.212	71.42	Varies	851.2	Mainline Left
2+288.731 - 2+613.688	324.96	Varies	3499.8	Mainline Left
2+324.262 - 2+613.688	289.43	Varies	2521.1	Mainline Right
		Total =	7269	

50 mm AC Pavement

Station to Station	Length (m)	Width (m)	Area (sq.m.)	Side
1+038.797 - 1+096.930	58.133	Varies	396.9	Mainline Right
1+038.797 - 1+110.212	71.415	Varies	851.2	Mainline Left
2+288.731 - 2+613.688	324.957	Varies	3499.8	Mainline Left
2+324.262 - 2+613.688	289.426	Varies	2521.1	Mainline Right
Station 2+607.930, 1.71 m LT	Varies	Varies	3.7	Mainline Left
		Total =	7272.7	

NO.	DATE	REVISIONS	BY	APP'D
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

LP050 SI

FHWA APPROVAL	10-28-94	APP'D	VLE
DESIGNED	DETAILED MAP	QUANTITIES	TRACED
DESIGN CK.	DETAIL CK.	QUAN.CK.	TRACE CK.

ORIG. FROM BR.NO. | PROJ. | CO.
DESIGN | DATE | CHECK | DATE
DESIGN | DATE
DETAIL | DATE
QUANTITIES | DATE
TRACING | DATE
RETRACED | DATE

Plotted : $$$$$ST/ME$$$$$$
Drawn By :$$USERNAME$$ |Section : $$$KDOTGRP$$$
File : $$$$$$$$$$$$$$$$$$DGNSPEC$$$$$$$$$$$$$$$$$$$$