

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	B7N 0372-01	2006	40	106

SUMMARY OF DRAINAGE QUANTITIES

STATION	OFFSET	SIDE	PROPOSED INLET (5' x 4')	PROPOSED INLET (10' x 4')	PROPOSED INLET (15' x 4')	TYPE 2 INLET	PROPOSED MANHOLE	EXISTING MANHOLE	INLET TOP ADJUSTMENT	LINE NO.	LENGTH					FL IN	FL IN	FL OUT
											15' RCP	18' RCP	24' RCP	30' RCP	60' RCP			
12+30.30	36.67'	Lt.	/							1A	26.4						95.17	
12+20.80	10.14'	Lt.						/								95.04		
12+21.13	26.17'	Rt.							/									
14+88.87	31.67'	Rt.	/							2A	40.9						95.42	
14+99.80	31.67'	Lt.	/							2B	19.2						95.32	
14+99.80	10.12'	Lt.						/						95.22	95.22		93.02	
17+34.06	31.67'	Lt.		/						3A	17.3						95.89	
17+29.13	31.67'	Rt.		/						3B	39.0						95.81	
17+31.56	10.88'	Lt.						/						95.80	95.61		92.93	
19+67.78	63.00'	Lt.		/						4A	27.8						94.19	
20+02.41	63.00'	Lt.		/						4B	12.8						94.13	
19+94.18	43.81'	Lt.					/			4C			46.7	94.05	94.05		94.00	
20+27.38	63.00'	Rt.		/						4D		65.8		95.41			95.36	
19+92.62	63.00'	Rt.		/						4E	34.7						95.58	
20+31.87	11.74'	Lt.						/						93.79	93.78		91.62	
25+04.18	31.67'	Lt.			/					5A	16.1						94.50	
25+04.19	11.55'	Lt.					/							94.42	94.30		91.33	
25+04.18	31.67'	Rt.			/					5B	39.2						94.50	
25+38.38	60.50'	Lt.	/							6A	34.4						95.02	
25+72.90	60.50'	Lt.	/							6B	45.9			94.85			94.80	
26+04.27	31.67'	Lt.		/						6C	18.2						94.66	
25+92.47	11.31'	Lt.						/						94.57			91.27	
28+38.56	60.50'	Lt.	/							7A	34.4						95.61	
28+72.96	60.50'	Lt.	/							7B	45.1			95.44			95.39	
28+90.50	23.15'	Lt.						/						95.21			91.07	
32+04.54	31.65'	Lt.		/						8A	41.7						95.00	
31+98.22	31.67'	Rt.		/						8B	18.0						95.92	
31+91.48	11.91'	Rt.						/						95.83	94.80		90.96	
36+55.34	10.01'	Rt.						/						96.56				
38+50.00	27.50'	Lt.				/				9A	33.3						96.50	
38+50.02	9.75'	Rt.					/							96.33	96.43		90.14	
38+50.00	31.67'	Rt.			/					9B	17.9						96.50	
40+50.02	9.20'	Rt.						/						96.12	96.21		89.90	
40+51.54	27.50'	Lt.				/				10A	36.9						96.30	
40+52.83	31.67'	Rt.		/						10B	18.5						96.30	
42+08.86	9.12'	Rt.						/						95.82	95.91		89.70	
42+11.68	31.67'	Lt.		/						11A	36.8						96.00	
42+11.68	31.67'	Rt.		/						11B	18.6						96.00	
45+19.92	31.67'	Lt.			/					12A	37.6						95.25	
45+19.94	9.97'	Rt.					/							95.06	95.16		89.32	
45+19.92	31.67'	Rt.					/			12B	17.7						95.25	
48+00.00	31.67'	Lt.			/					13A	38.7						95.25	
48+00.02	11.04'	Rt.					/							95.06	95.16		88.93	
48+00.00	31.67'	Rt.			/					13B	16.6						95.25	
50+08.85	31.67'	Lt.			/					14A	39.2						95.63	
49+42.54	57.47'	Rt.	/							14D	32.7						96.05	
49+75.19	57.54'	Rt.	/							14C	30.7			95.88			95.83	
50+06.39	31.67'	Rt.		/						14B	16.1			95.68			95.63	
50+08.85	11.57'	Rt.					/							95.55			88.50	
49+66.31	11.54'	Lt.						/		14E					48.0			
51+75.00	13.19'	Rt.						/						95.50				
51+75.00	52.81'	Lt.								16A	62.0						95.81	
+153+58.38	23.96'	Rt.				/				15B	124.7					97.30	97.20	
+153+59.33	15.60'	Lt.	/							15A	39.7						96.51	
TOTAL			10	13	8	3	9	9	1		422.3	434.1	339	46.7	48.0			

TYPE B MR-90					
STATION TO STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (S.Y.)	VOLUME (C.Y.)	SIDE
10+90.39	12+24.23	133.84	67.00	996.4	166.1
12+24.23	13+74.51	150.28	Varies	1,036.2	172.7
13+74.51	15+50.00	175.49	67.00	1,306.4	217.7
15+50.00	21+50.00	600.00	67.00	4,466.7	744.4
21+50.00	27+50.00	600.00	67.00	4,466.7	744.4
27+50.00	33+50.00	600.00	67.00	4,466.7	744.4
33+50.00	39+50.00	600.00	67.00	4,466.7	744.4
39+50.00	45+50.00	600.00	67.00	4,466.7	744.4
45+50.00	51+50.00	600.00	67.00	4,466.7	744.4
51+50.00	53+00.00	150.00	67.00	2,104.0	350.7
+153+43.82	+154+45.72	101.90	15.00	169.8	28.3
St. Clair			177.0	29.5	Rt
Everett			199.1	33.2	Rt
Bennett			124.0	20.7	Rt
Bann			135.1	22.5	Rt
Hiram			130.6	21.8	Rt
Glenn			139.8	23.3	Rt
Fern			119.3	19.9	Rt
Elizabeth			179.3	29.9	Rt
St. Clair			135.1	22.5	Lt
Everett			198.5	33.1	Lt
Pawnee Court			134.9	22.5	Lt
Bann			179.5	29.9	Lt
Hiram			179.0	29.8	Lt
Euclid			135.1	22.5	Lt
Glenn			134.8	22.5	Lt
Vine			135.3	22.6	Lt
Millwood			132.5	22.1	Lt
TOTAL			34,981.7	5,830.2	

CRUSHED STONE SUBGRADE (9")

STATION TO STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (S.Y.)	SIDE
10+90.39	12+24.23	133.84	67.00	996.4
12+24.23	13+74.51	150.28	Varies	1,036.2
13+74.51	15+50.00	175.49	67.00	1,306.4
15+50.00	21+50.00	600.00	67.00	4,466.7
21+50.00	27+50.00	600.00	67.00	4,466.7
27+50.00	33+50.00	600.00	67.00	4,466.7
33+50.00	39+50.00	600.00	67.00	4,466.7
39+50.00	45+50.00	600.00	67.00	4,466.7
45+50.00	51+50.00	600.00	67.00	4,466.7
51+50.00	53+00.00	150.00	67.00	2,104.0
+153+43.82	+154+45.72	101.90	14.50	164.2
St. Clair			177.0	Rt
Everett			199.1	Rt
Bennett			124.0	Rt
Bann			135.1	Rt
Hiram			130.6	Rt
Glenn			140.8	Rt
Fern			119.3	Rt
Elizabeth			179.3	Rt
St. Clair			135.1	Lt
Everett			198.5	Lt
Pawnee Court			134.9	Lt
Bann			179.5	Lt
Hiram			179.0	Lt
Euclid			135.1	Lt
Glenn			134.8	Lt
Vine			135.3	Lt
Millwood			132.5	Lt
TOTAL			34,977.1	

NOTE
* Denotes Glenn Street Stationing

EARTHWORK			
STATION TO STATION	COMMON EXCAVATION (CY)	EMBANKMENT (CY)	
10+90.39	15+50.00	1,495.5	8.3
15+50.00	21+50.00	1,323.1	538.9
21+50.00	27+50.00	1,403.8	436.4
27+50.00	33+50.00	1,365.2	480.4
33+50.00	39+50.00	1,833.5	189.8
39+50.00	45+50.00	2,123.5	50.4
45+50.00	51+50.00	1,868.4	162.3
51+50.00	53+00.00	499.2	0.1
TOTAL		11,912.2	1,866.6

COLD MILLING ASPHALT SURFACE			
STATION TO STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (S.Y.)
53+00.00	54+87.50	187.50	Varies
54+87.50	57+50.00	262.50	55.00
57+50.00	62+14.76	464.76	55.00
62+14.76	62+25.45	10.69	41.19
+153+43.82	+154+45.72	101.90	26.00
TOTAL			6,116.2

2" ASPHALT PAVEMENT (BM-2)				
STATION TO STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (S.F.)	AREA (S.Y.)
53+00.00	54+87.50	187.50	Varies	11,956.1
54+87.50	57+50.00	262.50	55.00	14,437.5
57+50.00	62+14.76	464.76	55.00	25,561.8
62+14.76	62+25.45	10.69	41.19	440.3
+153+43.82	+154+45.72	101.90	37.00	3,770.3
TOTAL				56,166.0

3" ASPHALT PAVEMENT (BM-2)				
STATION TO STATION	LENGTH (FT.)	WIDTH (FT.)	AREA (S.F.)	MASS (S.Y.)
+153+43.82	+154+45.72	101.90	11.00	1,120.9
+153+43.82	+154+45.72	101.90	14.50	1,477.6
TOTAL				2,598.5

2	12-1-03	Added Ref. note/Rem. Br. Recop Table	DMK	RJS
1	2-14-91	Rev. Bid Items for Br. Quon. Recop.	GBH	VLE
NO.	DATE	REVISIONS	BY	APP'D

KANSAS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

LPO50

DESIGNED	12-17-03	APP'D	VLE
DESIGN CK.	DETAILED	MAPI QUANTITIES	TRACED
	DETAL CK.	REA QUAN CK.	TRACE CK.

DATE FROM DESIGN CHECK
 DESIGN DATE
 CHECK DATE
 QUANTITIES DATE
 REVISIONS DATE

Drawn By: TRANS SYSTEMS, Inc. 9/12/2006
 File: g:\WIP\03001\Road\0300121.sht