FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	54-87 K-6657-01	2002	612	1122

SUMMARY OF STORM SEWERS

SHEET NUMBER	INLET & MANHOLE DATA - SUMMARY (EACH)									CONDUIT DATA - SUMMARY (LIN. M.)														END SECTION DATA-SUMMARY (TYPE I) (EACH)								HEADWALL DATA-SUMMARY (EACH)						EDGE DRAIN (100mm) (M)	FLOWABLE FILL (M)
										REINFORCED CONCRETE PIPE									RCPHE				CMP SLOTTED DRAIN		REINFORCED CONCRETE								REINFORCED CONCRETE							
	INLET (TYPE 22) CURB	INLET (TYPE 22) RADIUS	INLET (TYPE 12) CURB	INLET (TYPE 10) CURB	GUTTER INLET	GUTTER INLET (SPEC.)	M.H. (STD. STORM)	INLET (M.H.- SPEC.)	DITCH INLET	375 mm	450 mm	600 mm	750 mm	900 mm	1050 mm	1200 mm	1350 mm	0.30 m^2	0.35 m^2	0.45 m^2	0.55 m^2	375 mm		375 mm	450 mm	600 mm	750 mm	900 mm	1050 mm	1200 mm	1350 mm	450 mm	750 mm	900 mm	1050 mm	1200 mm	1350 mm		
181	19						1			199.95	46.02	27.43		171.29				7.92						1														36	89.93
182	13	1					3		1	145.10	5.79	126.80	170.70																									24	239.03
183	18				6	1	4			353.27	151.49	133.51	252.98	35.05	93.88																							18	360.77
184	11						2	5	2	207.57	169.17	44.50							64.92	51.51	130.12					2								1					31.09
185	18			1	1	1	1	2		191.11	125.88	231.34	427.02					2.74		124.66																		91.21
186	1		1		12	4	1			325.83	152.10	120.71	96.62							13.72												1						689.86
187	15				7	1				355.70	128.62							388.94			292.61																	257.60
188	13		1		9	2	2	3		372.48	169.77	37.18		50.90	128.33	190.51	293.53																					527.37
189	2				14	2	1			254.80	201.77	39.02					~~89.00~~																				1		490.79
190	14				10	1	3			419.41	247.20	224.34	33.53	256.03			92.66																						427.71
191	8				5					218.85	66.75	110.04	32.31	80.77																									215.22
192	14			1	6	1	4			167.32	219.45	206.96	302.66																									8	621.35
193	9				9	2				445.32	101.49	33.22	3.66		224.94																								525.93
194	12	1			6	1	3	1		238.05	16.76	159.72	185.32	12.50									10																154.12
195	6	2								92.05	1.83																												28.98
~~164~~	2									16.15																													
Totals	175 ~~173~~	4	2	2	85	16	~~25~~ 24	~~12~~ 16	3	4002.0 3,986.81	1,804.09	1,494.77	1,504.80	606.54	447.15	190.51	386.2 ~~382.53~~	399.60	64.92	189.89	422.73	~~10~~ 0		1*		3*						1		1	1		1	~~86~~ 0	1,486.0 4,750.96

* See Summary of "Drainage Structures" for Grand Total of End Sections.

DRAINAGE STRUCTURES

STATION	SIDE	ROUTE IDENTIFICATION	SIZE	TYPE	CLASS. AAA CONCRETE (CU. M.)	CLASS. AAA CONCRETE (AE) (CU. M.)	REINFORCING STEEL (GRADE 420) (KG)	FOUNDATION STABILIZATION (CU. M.)	CONCRETE FOR SEAL COURSE (CU. M.)	ENTRANCE PIPE (RCP) (M)					END SECTIONS (RC) (EACH)			CROSS ROAD PIPE (CMP) (M)				END SECTIONS (CM) (EACH)										REMARKS
										300 mm	375 mm	600 mm	750 mm	900 mm	300 mm	375 mm	600 mm	300 mm	450 mm	600 mm	900 mm	300 mm	600 mm	900 mm							
15+769.1	11.2 m Rt	Fr. Rd Rt	375 mm x 11.72 m	EP (RCP)							11.72					2														
4+912	6.0 m Rt	111th St. W	300 mm x 15.84 m	EP (RCP)						15.84					2															
16+043	Rt	Kellogg	600 mm	End Section																			1							
16+250	Rt	Fr. Rd Rt	900 mm x 23.5 m	CRP (CMP)																	23.5			1					
14+443.483	—	Exist. Kellogg	2-2.4 x 0.9 x 100.3 m	RCB	303.0	5.1	36480	X	X																					Includes Resthaven Retaining Walls
15+407	—	Kellogg	1.8 x 0.9 x 119.5 m	RFB	167.2	0	13690	X	X																					
17+090	—	Kellogg	2.4 x 1.8 x 201.1 m	RFB	430.7	0	34217	X	X																					
17+121.754	Lt	Kellogg	3.4 x 2.4 x 311.8 m	RFB	1019.0	0	108724	X	X																					
17+423	Lt	Kellogg	3.0 x 2.1 x 367.1 m	RCB	889.5	0	61720	X	X																					Includes Transition Structure
4+146	—	Maize	2.1 x 1.2 x 56.3 m	RCB	87.6	0	4730	X	X																					
5+311	—	Tyler		RCB	67.3	0	3683	X	X																					
14+128.5	—	Shoofly A	2-300 mm	CRP (CMP)																										
14+699.0	—	Shoofly B	300 mm	CRP (CMP)																	62.2			4						
																					12.3			2						
Totals (This Table)					2964.3	5.1	263244	1	1	15.84	11.72				2	2	0	74.5			23.5	6	1	1						
Totals (Above Table)															0	1	3	0			0									
Grand Total					2964.3	5.1	263244 ϕ	~~1~~ 34.0	~~1~~ 0	15.84	11.72				2	3	3	74.5			23.5	6	1	~~1~~ 0						

ϕ Recapitulated with reinf. steel for Retaining Walls #9 & #10

ADDENDUM #1:

Sheet 612 **Revise** the Summary of Storm Sewers Total for Inlet Type 22 from 173 to 175.

The following Type 22 inlets were not included in the Summary of Quantities or Schedule of Inlet and Manholes.

Maize Rd. Sta. 3+693 7.357 m Lt. (L= 3m, W= 1.2, H= 1.22m)
Maize Rd. Sta. 3+693 7.357 m Rt. (L= 3m, W= 1.8, H= 2.13m)

Revise the Total for 375mm RCP from 3986.8m to 4003.0m. (This increase is for 16.15m of pipe between the above two inlets.)
Revise the Total for 1350mm RCP from 382.5m to 386.2m (Total for Sheet No. 189 should be 92.66m).

CITY OF WICHITA

SUMMARY OF QUANTITIES

SEDGWICK COUNTY

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003

Designed by	IIM, RCH	Checked by	RCH
Drawn by	JGP	Date	April, 2002	Job No.	97362

612

DSNR: IIM, RCH OPER: SVB SCALE:
I:/1997/97362/QUANTITIES/SUMMARY_QUANTITIES/QUANTITIES(1).DGN 1-26-2002 9:01:57 LAST REV:
BY: