

1" Long Service Connection		
Station	Quantity	Unit
103+29.84	1	Each
104+88.87	1	Each
Total	2	Each

2" Service Connection			
Station	Quantity	Unit	Lin. Ft. Pipe
109+45.97	1	Each	33.0
113+42.25	1	Each	37.0
Total	2	Each	70.0

2" Service Vault/Meter Replacement		
Station	Quantity	Unit
109+45.97	1	Each
Total	1	Each

12" Valve Assembly		
Station	Offset	Each
100+82.45	14.0' Lt.	1
107+02.67	10.8' Lt.	1
112+28.54	12.3' Lt.	1
118+74.34	18.7' Lt.	1
Total		4

12" Anchored Valve Assembly		
Station	Offset	Each
118+74.34	18.7' Lt.	1
Total		1

8" Valve Assembly		
Station	Offset	Each
115+59.02	13.3' Lt.	1
Total		1

6" Valve Assembly		
Station	Offset	Each
105+15.06	11.4' Lt.	1
107+02.67	10.8' Lt.	1
112+28.54	12.3' Lt.	1
118+74.34	18.7' Lt.	1
Total		4

4" Valve Assembly		
Station	Offset	Each
110+22.37	11.7' Lt.	1
Total		1

2" Blowoff Valve Assembly		
Station	Offset	Each
119+04.34	18.7' Lt.	1
Total		1

Removal of Existing Structures			
Station	Offset	Description	Quantity
Central 101+85	Rt.	SWS Inlet	
Central 105+03	Lt.	# Stone Monument Wall within R/W	
Central 105+26	Rt.	SWS Inlet	
Central 105+59	Lt.	# Stone Monument Wall within R/W	
Central 105+10.8-105+19.5	Rt.	18" RCP	
Central 105+87.1	Lt.	SWS Inlet	
Central 105+87.2	Rt.	SWS Inlet	
Central 106+55	Rt.	Traffic Signal Controller	
Central 106+60	Lt.	*Signal Pole, Mast Arm & Signals	
Central 106+70	Rt.	*Signal Pole, Mast Arm & Signals	
Central 113+19	Lt.	Concrete Flume	
Central 115+39	Lt.	Landscaping	

* Salvage and Deliver to 1801 S. Mclean, Wichita, KS
 # Remove Portion of Stone Monument wall within Central Avenue R/W. Salvage stones in good condition and stockpile on Kapaun Mt. Carmel property. Contact Kapaun Mt. Carmel President, Michael Burrus at 316-634-0315 ext. 141 for information on where to stockpile stones.

Sand backfill, Jetted & Vibrated		
Location	Lin. Ft.	Remarks
Total	27	See Sheet 16, 17

A.C. Pavement 7" (5" Bit Base)		
Street	Location	Sq. Yds.
Central	100+00.00 - 106+75.54	4,204.6
Central	106+88.55 - 119+09.90	7,644.8
Total		11,849.4

Pavement Removal		
Street	Location	Sq. Yd.
Central	100+00.00 - 105+00.00	2,983.3
Central	105+00.00 - 110+00.00	2,739.6
Central	110+00.00 - 115+00.00	2,829.1
Central	115+00.00 - 119+09.90	2,548.3
Total		11,100.3

Concrete Pavement (VG) 8" (Reinf)			
Street	Location	Dir.	Sq. Yds.
Tara	100+34.95	Lt.	105.5
Longford	114+33.38	Rt.	103.6
Longford	115+83.15	Lt.	133.0
West Parkway	118+63.54	Rt.	135.5
Total			477.6

Crushed Rock Base 8", Reinforced		
Street	Location	Sq. Yd.
Central	100+00.00 - 106+74.54	4,696.2
Central	106+88.55 - 119+09.90	8,514.6
Total		13,210.8

Crushed Rock Base 7", Reinforced			
Street	Location	Dir.	Sq. Yds.
Tara	100+34.95	Lt.	114.1
Longford	114+33.38	Rt.	109.9
Longford	115+83.15	Lt.	141.5
West Parkway	118+63.54	Rt.	144.3
Total			509.8

Crushed Rock Base 6", Reinforced		
Street	Location	Sq. Yd.
Central	106+81.53 (Ped. Crosswalk)	98.0
Total		98.0

Entrance Removal		
Location	Dir.	Sq. Yds.
103+49.1 Central	Lt.	42
105+32.4 Central	Lt.	93
106+34.1 Central	Lt.	78
108+32.7 Central	Lt.	76
110+97.9 Central	Lt.	107
112+44.8 Central	Lt.	94
Total		490

Brick Pavers (Concrete), Crosswalk	
Location	Sq. Ft.
Sta. 106+81.53 (Ped. Crosswalk)	448.0
Total	448.0

Sidewalk Removal		
Location	Dir.	Sq. Yds.
100+13	Lt.	9
100+55	Lt.	7
104+27 - 104+60	Rt.	14
104+70 - 105+18	Lt.	21
105+08 - 105+44	Rt.	15
105+45 - 106+21	Lt.	42
106+46 - 110+88	Lt.	198
111+09 - 112+34	Lt.	56
112+56 - 113+15	Lt.	26
113+23 - 115+66	Lt.	107
113+88 - 114+17	Rt.	19
114+53	Rt.	6
116+02 - 116+36	Lt.	16
118+46	Rt.	5
118+88	Rt.	6
Total		547

Recapitulation of Waterline Quantities		
Item/Location	QUANTITY	UNIT
4" PIPE		
110+22.37	4.0	LF
Total	4.0	LF
6" PIPE		
105+15.06	8.0	LF
107+02.67	6.0	LF
112++28.54	6.0	LF
Total	20.0	LF
8" PIPE		
115+59.02	5.0	LF
Total	5.0	LF
8" DICL PIPE		
118+82	4.0	LF
Total	4.0	LF
12" PIPE		
100+82.45 - 103+29.84	247.4	LF
103+29.84 - 104+88.87	158.5	LF
104+88.87 - 105+15.06	26.2	LF
105+15.06 - 105+54.86	40.2	LF
105+54.86 - 105+58.89	4.0	LF
105+58.89 - 107+02.67	143.9	LF
107+02.67 - 109+45.97	243.3	LF
109+45.97 - 110+22.37	76.4	LF
110+22.37 - 110+68.63	46.3	LF
110+68.63 - 113+42.25	273.6	LF
113+42.25 - 115+59.02	216.8	LF
115+59.02 - 117+86.58	227.8	LF
117+86.58 - 118+74.34	87.8	LF
118+74.34 - 119+04.34	30.0	LF
Total	1,822.2	LF
12" DICL PIPE		
105+54.86 - 105+58.89	4.0	LF
Total	4.0	LF

STRUC. ID # (Note 1)	STA.	SIDE	TYPE I CURB INLET	TYPE 2 CURB INLET	SPECIAL TYPE 2 INLET	COLLAR	SEWER DATA (IN FLOW PIPES)						SEWER DATA (OUT FLOW PIPES)			ELEVATIONS		DIMENSIONS			STORM SEWER PIPE (FEET) (RCP, CLASS II) See Note: 2			REMARKS			
							SIZE	FL ELEV	SIZE	FL ELEV	SIZE	FL ELEV	SIZE	FL ELEV	GRADE	TOP	BOTTOM	L	W	H	18"	24"	30"				
A1	101+84.79	RT			1		Ex. 30"	1343.92					Ex. 30"	1343.92	1.65%	1352.42	1343.42	10'	5'	9'-0"						Remove Exist. Inlet, Construct Special Type 2 Inlet.	
B1	105+10.76	RT				1	30"	1350.34					Ex. 30"	1350.34	1.97%								15.3			Pipe Collar - Connect to Existing 30" RCP.	
B2	105+25.83	RT	1				Ex. 18"	1351.64	3-16"	Existing			Ex. 30"	1350.64	1.97%	1357.02	1350.14	10'	4'	6'-10"					Remove Exist. Inlet, Construct, Type 1 Inlet		
B3	105+87.19	RT	1				Ex. 18"	1353.2					Ex. 18"	1353.2	2.83%	1357.47	1352.6	5'	3'	4'-10"					Remove Exist. Inlet, Construct, Type 1 Inlet		
B4	105+87.09	LT					18"	1353.79					Ex. 18"	1353.79	1.15%						11.5					Connect to Exist. 18" RCP, Remove Existing Inlet.	
B5	105+87.20	LT	1				Ex. 15"	1354.18					18"	1353.93	1.19%	1357.47	1353.47	5'	3'	4'-0"						Construct Type 1 Curb Inlet, Connect to Existing 15" HDPE.	
TOTALS			3	0	1	1																					
			TYPE I CURB INLET	TYPE 2 CURB INLET	SPECIAL TYPE 2 INLET	COLLAR															11.5	0	15.3				
																					18"	24"	30"				

CENTRAL AVENUE
 ROCK ROAD TO WEBB ROAD
 SUMMARY OF QUANTITIES
 CITY OF WICHITA, KANSAS
 JAMES L. ARMOUR, P.E. - CITY ENGINEER

POE & ASSOCIATES, INC.
 CONSULTING ENGINEERS
 5940 E. Central, Suite 200 • Wichita, KS 67208-0242
 Phone 316/665-4114 • FAX 316/665-4444

P. FERGUSON
 P. FERGUSON/M. TUCKER
 1972
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Sheet
 17 of 69