

APPENDIX C

Complete Inventory of Sewer Master Plan Update Project Components

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
OV5081.00-OV5083.00	13_11	348	12			Yes		
OV5083.00-OV5084.A0	13_11	33	12			Yes		
OV5079.00-OV5080.00	13_11	337	12			Yes		
OV5062.00-OV5063.00	13_12	469	8			Yes		
OV5078.00-OV5079.00	13_12	344	12			Yes		
V17001.00-V17002.00	13_14	183	6					Yes
V17002.00-V17004.00	13_14	373	8		Yes			
V17005.00-V17006.00	13_14	347	8		Yes			
V17010.00-V17011.00	13_14	241	10		Yes			
V17004.00-V17010.00	13_14	271	10		Yes			
V17011.00-V17012.00	13_14	310	10		Yes			
V11002.00-V11004.00	14_12	300	6		Yes			Yes
V11001.00-V11002.00	14_12	220	6					Yes
V11006.00-V11007.00	14_12	316	6					Yes
V11007.00-V11011.00	14_12	255	6					Yes
V14035.00-V14036.00	14_12	168	6					Yes
V14037.00-V14038.00	14_12	230	6					Yes
V14029.00-V14030.A0	14_12	275	6					Yes
V14030.A0-V14030.00	14_12	55	6					Yes
V11009.00-V11010.00	14_12	106	8		Yes		Yes	
V11005.00-V11010.00	14_12	331	8		Yes		Yes	
V11010.00-V11011.00	14_12	37	8		Yes		Yes	
V11004.00-V11005.00	14_12	328	8		Yes		Yes	
V11003.00-V11004.00	14_12	328	8				Yes	
V11008.00-V11009.00	14_12	244	8				Yes	
V14002.00-V14003.00	14_12	70	8		Yes			
V14001.00-V14002.00	14_12	110	8		Yes			
V17014.FG-V17014.F0	14_14	114	8			Yes		
V15015.PO-V15015.00	14_14	442	8		Yes			
V17028.00-V17030.00	14_14	166	8		Yes			
V17015.00-V17016.00	14_14	270	10		Yes			
V17014.00-V17015.00	14_14	380	10		Yes			
V17016.00-V17018.00	14_14	127	10		Yes			
V17018.00-V17019.00	14_14	475	10		Yes			
V17012.00-V17013.00	14_14	300	10		Yes			
V17013.00-V17014.I0	14_14	30	10		Yes			
V17014.I0-V17014.00	14_14	267	10		Yes			
V11086.00-V11087.00	15_11	135	6					Yes
V11088.A0-V11088.00	15_11	350	8				Yes	
V11085.00-V11087.00	15_11	49	8				Yes	
V11087.00-V11088.A0	15_11	301	8				Yes	
V10020.A0-V10020.00	15_11	253	8		Yes			
V11028.00-V11029.00	15_11	244	8		Yes			
V10040.00-V10041.00	15_11	350	8		Yes			
V10039.00-V10041.00	15_11	250	8		Yes			
V11081.00-V11082.00	15_11	173	8		Yes			
V11079.00-V11081.00	15_11	162	8		Yes			
V11078.00-V11079.00	15_11	157	8		Yes			
V11042.00-V11043.00	15_11	219	8		Yes			

APPENDIX C

Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V11043.00-V11044.00	15_11	302	8		Yes			
V11052.00-V11054.00	15_12	167	6				Yes	Yes
V11051.00-V11052.00	15_12	43	6				Yes	Yes
V11050.00-V11051.00	15_12	225	6					Yes
V11049.00-V11050.00	15_12	146	6					Yes
V11053.A0-V11054.00	15_12	235	6					Yes
V11012.00-V11013.00	15_12	175	6					Yes
V14046.00-V14047.00	15_12	200	6					Yes
V14047.00-V14048.00	15_12	195	6					Yes
V14045.00-V14046.00	15_12	170	6					Yes
V14042.00-V14043.00	15_12	159	6					Yes
V14049.00-V14050.00	15_12	150	6					Yes
V11014.00-V11015.00	15_12	291	8		Yes		Yes	
V11013.00-V11014.00	15_12	401	8		Yes		Yes	
V11011.00-V11013.00	15_12	406	8		Yes		Yes	
V11055.00-V11089.00	15_12	229	8				Yes	
V11088.00-V11089.00	15_12	349	8				Yes	
V11015.00-V11048.00	15_12	181	8				Yes	
V11048.00-V11051.00	15_12	258	8				Yes	
V11054.00-V11055.00	15_12	167	8				Yes	
V11060.00-V11062.00	15_12	238	8		Yes			
V11064.00-V11065.00	15_12	315	8		Yes			
V11037.00-V11038.00	15_12	269	8		Yes			
V11046.00-V11047.00	15_12	242	8		Yes			
V11073.00-V11074.00	15_12	350	8		Yes			
V14026.00-V14027.00	15_13	71	6					Yes
V14025.00-V14027.00	15_13	258	6					Yes
V15041.00-V15042.00	15_13	225	6					Yes
V15046.00-V15047.00	15_13	161	6					Yes
V15044.00-V15045.00	15_13	350	6					Yes
V14054.00-V14059.00	15_13	168	8			Yes		
V15073.00-V15074.00	15_13	340	8		Yes			
V15075.00-V15076.00	15_13	338	8		Yes			
V15074.00-V15075.00	15_13	320	8		Yes			
V14077.00-V14078.00	15_13	321	8		Yes			
V17038.E0-V17038.F0	15_14	300	6					Yes
V17053.00-V17054.00	15_14	328	8		Yes			
V17051.00-V17052.00	15_14	328	8		Yes			
V17052.00-V17053.00	15_14	328	8		Yes			
V17048.00-V17049.00	15_14	163	8		Yes			
V17032.00-V17034.00	15_14	248	8		Yes			
V17035.00-V17036.00	15_14	300	8		Yes			
V17047.00-V17048.00	15_14	88	8		Yes			
V17046.00-V17047.00	15_14	316	8		Yes			
V17038.00-V17039.00	15_14	363	8		Yes			
V15015.00-V15017.00	15_14	260	8		Yes			
V15017.00-V15020.00	15_14	210	8		Yes			
V15020.00-V15021.00	15_14	90	8		Yes			
V15021.00-V15028.00	15_14	23	8		Yes			

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Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V17045.00-V17046.00	15_14	350	8		Yes			
V17040.00-V17041.00	15_14	77	8		Yes			
V17039.00-V17040.00	15_14	350	8		Yes			
V17049.00-V17054.00	15_14	332	10		Yes			
V17054.00-V17055.00	15_14	333	10		Yes			
V17055.00-V17056.00	15_14	300	10		Yes			
V17036.00-V17037.00	15_14	336	10		Yes			
V17037.00-V17049.00	15_14	332	10		Yes			
V17019.00-V17036.00	15_14	475	10		Yes			
V15024.00-V15028.00	15_14	188	8		Yes			
V17038.D0-V17038.E0	15_15	83	6					Yes
V17038.C0-V17038.D0	15_15	5	6					Yes
V18012.00-V18013.00	15_15	33	8			Yes		
V18013.00-V18014.00	15_15	87	8			Yes		
V18011.00-V18012.00	15_15	148	8			Yes		
V18007.00-V18008.00	15_15	111	8			Yes		
V18008.00-V18009.00	15_15	72	8			Yes		
V19021.00-V19025.00	15_15	306	8		Yes			
V18021.00-V18022.00	15_15	330	8		Yes			
V18020.00-V18021.00	15_15	332	8		Yes			
V19026.00-V19027.00	15_15	305	8		Yes			
V19027.00-V19028.00	15_15	179	8		Yes			
V19028.00-V19029.00	15_15	261	8		Yes			
V19029.00-V19030.00	15_15	261	8		Yes			
V19079.00-V19080.00	15_16	289	6					Yes
OV4011.00-OV4014.00	16_10	350	8			Yes		
V06042.00-V06045.00	16_10	217	8		Yes			
V06043.00-V06045.00	16_10	350	8		Yes			
V06044.00-V06045.00	16_10	231	8		Yes			
V10006.00-V10007.00	16_10	249	8		Yes			
V10053.00-V10054.00	16_11	177	8		Yes			
V10029.00-V10031.00	16_11	34	8		Yes			
V10026.00-V10027.00	16_11	93	8		Yes			
V11106.00-V11107.00	16_11	320	8		Yes			
V10025.00-V10026.00	16_11	139	8		Yes			
V10027.00-V10029.00	16_11	134	8		Yes			
V10035.00-V10036.00	16_11	163	8		Yes			
V11100.00-V11101.00	16_11	94	8		Yes			
V11099.00-V11100.00	16_11	87	8		Yes			
V11098.00-V11099.00	16_11	152	8		Yes			
V10036.00-V10037.00	16_11	30	8		Yes			
V10037.00-V10038.00	16_11	121	8		Yes			
V10007.00-V10008.00	16_11	268	8		Yes			
V14082.00-V14083.00	16_12	276	6					Yes
V14081.00-V14083.00	16_12	230	6					Yes
V11091.00-V11092.00	16_12	310	8				Yes	
V11089.00-V11090.00	16_12	348	8				Yes	
V11090.00-V11091.00	16_12	229	8				Yes	
V14089.AC-V14089.A0	16_12	69	8		Yes	Yes		

APPENDIX C

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Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V14089.A0-V14089.B0	16_12	74	8			Yes		
V11119.00-V11120.00	16_12	230	8		Yes			
V14121.00-V14122.A0	16_12	261	8		Yes			
V11116.00-V11119.00	16_12	121	8		Yes			
V14100.00-V14108.00	16_12	156	8		Yes			
V14090.00-V14091.00	16_12	342	8	V10	Yes			
V14109.00-V14116.00	16_12	231	8	V10				
V14089.00-V14090.00	16_12	124	8	V10				
V14091.00-V14109.00	16_12	226	8	V10				
V14116.00-V14117.00	16_12	73	8	V10				
V14118.00-V14119.00	16_12	298	10	V10				
V14117.00-V14118.00	16_12	430	10	V10				
V14089.C0-V14089.00	16_12	72	10	V10				
V14088.00-V14089.B0	16_12	377	10	V10				
V14089.B0-V14089.C0	16_12	191	10	V10				
V14066.00-V14067.00	16_13	133	6					Yes
V14065.00-V14066.00	16_13	154	6					Yes
V14069.00-V14070.00	16_13	184	6					Yes
V14068.00-V14070.00	16_13	272	6					Yes
V14067.00-V14068.00	16_13	133	6					Yes
V15052.00-V15053.00	16_13	123	6					Yes
V15051.00-V15053.00	16_13	110	6					Yes
V14070.00-V14071.00	16_13	323	8		Yes			
V15090.00-V15091.00	16_13	190	8		Yes			
V12001.00-V12003.00	16_13	195	8		Yes			
V15102.00-V15103.00	16_13	270	8		Yes			
V15098.00-V15102.00	16_13	246	8		Yes			
V15101.00-V15102.00	16_13	250	8		Yes			
V15103.00-V15104.00	16_13	272	8		Yes			
V15054.00-V15055.00	16_13	27	8		Yes			
V15086.00-V15087.00	16_13	180	8		Yes			
V15085.00-V15087.00	16_13	481	8		Yes			
V17067.00-V17068.00	16_14	350	8		Yes			
V18029.00-V18030.00	16_14	202	10		Yes			
V17056.00-V17057.00	16_14	215	10		Yes			
V17057.00-V17058.00	16_14	392	10		Yes			
V17058.00-V17068.00	16_14	276	10		Yes			
V17068.00-V17069.00	16_14	276	10		Yes			
V17069.00-V17070.00	16_14	300	10		Yes			
V17070.00-V17071.00	16_14	317	10		Yes			
V15080.00-V15081.00	16_14	330	12		Yes			
V15105.00-V15106.00	16_14	293	12		Yes			
V15081.00-V15105.00	16_14	331	12		Yes			
V17061.A0-V17061.00	16_14	5	8		Yes			
V17064.00-V17065.00	16_14	83	8		Yes			
V17060.00-V17062.00	16_14	281	8		Yes			
V18027.00-V18028.00	16_14	360	10		Yes			
V18028.00-V18029.00	16_14	310	10		Yes			
V18024.00-V18025.00	16_15	332	8		Yes			

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Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V19095.00-V19096.00	16_15	135	8		Yes			
V19037.00-V19038.00	16_15	342	8		Yes			
V19035.00-V19036.00	16_15	389	8		Yes			
V19041.00-V19098.00	16_15	376	8		Yes			
V18025.00-V18026.00	16_15	321	10		Yes			
V19084.00-V19085.00	16_15	342	8		Yes			
V18026.00-V18027.00	16_15	300	10		Yes			
V19061.00-V19062.00	16_16	331	6		Yes			Yes
V19060.00-V19061.00	16_16	195	6					Yes
V19058.00-V19059.00	16_16	5	6					Yes
V19059.00-V19060.00	16_16	129	6					Yes
V19056.00-V19057.00	16_16	166	6					Yes
V19057.00-V19059.00	16_16	194	6					Yes
V19047.00-V19048.00	16_16	48	8			Yes		
V19063.00-V19078.00	16_16	340	8		Yes			
V19054.00-V19055.00	16_16	390	8		Yes			
V19055.00-V19062.00	16_16	58	8		Yes			
OV4003.00-OV4025.00	17_10	34	8			Yes		
V06047.A0-V06047.00	17_10	185	8		Yes			
V06049.00-V06056.00	17_10	213	8		Yes			
V06045.00-V06046.00	17_10	284	8		Yes			
V06046.00-V06047.A0	17_10	194	8		Yes			
V06050.00-V06051.00	17_10	134	8		Yes			
V06051.00-V06054.00	17_10	132	8		Yes			
V07007.00-V07009.00	17_10	364	8		Yes			
OV4027.00-OV4028.00	17_10	204	10					
V09015.00-V09016.00	17_11	239	6		Yes			Yes
V09014.00-V09015.00	17_11	124	6		Yes			Yes
V10114.00-V10115.00	17_11	225	6		Yes			Yes
V10081.00-V10082.00	17_11	190	6					Yes
V10076.00-V10077.00	17_11	210	6					Yes
V09001.00-V09002.00	17_11	160	6					Yes
V07016.00-V07018.00	17_11	75	6					Yes
V07017.00-V07018.00	17_11	348	6					Yes
V10116.00-V10118.00	17_11	260	8		Yes			
V10096.00-V10097.00	17_11	135	8		Yes			
V09003.A0-V09003.00	17_11	130	8		Yes			
V10091.00-V10092.00	17_11	169	8		Yes			
V10092.00-V10097.B0	17_11	196	8		Yes			
V10115.00-V10116.00	17_11	203	8		Yes			
V10113.00-V10115.00	17_11	62	8		Yes			
V10113.A0-V10113.00	17_11	86	8		Yes			
V10111.00-V10113.A0	17_11	200	8		Yes			
V10088.00-V10089.00	17_11	238	8		Yes			
V10112.00-V10113.00	17_11	330	8		Yes			
V10117.00-V10118.00	17_11	325	8		Yes			
V10129.00-V10130.00	17_12	314	6		Yes		Yes	Yes
V13066.00-V13067.00	17_12	20	6				Yes	Yes
V13067.00-V13068.00	17_12	58	6				Yes	Yes

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Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V13060.00-V13061.00	17_12	332	6				Yes	Yes
V13059.00-V13060.00	17_12	144	6				Yes	Yes
V13061.00-V13063.00	17_12	223	6				Yes	Yes
V13063.00-V13064.00	17_12	126	6				Yes	Yes
V10128.00-V10129.00	17_12	122	6				Yes	Yes
V13064.00-V13065.00	17_12	217	6				Yes	Yes
V13042.00-V13043.00	17_12	285	6					Yes
V13062.00-V13063.00	17_12	138	8				Yes	
V13037.00-V13038.00	17_12	300	8				Yes	
V13057.00-V13058.00	17_12	194	8				Yes	
V13058.00-V13065.00	17_12	350	8				Yes	
V13065.00-V13082.00	17_12	350	8				Yes	
V13036.00-V13037.00	17_12	158	8				Yes	
V13084.00-V13085.00	17_12	125	8		Yes			
V13082.00-V13085.00	17_12	179	8		Yes			
V13022.00-V13023.00	17_12	271	8		Yes			
V13017.00-V13018.00	17_12	177	8		Yes			
V13016.00-V13017.00	17_12	255	8		Yes			
V13018.00-V13021.00	17_12	131	8		Yes			
V13020.00-V13021.00	17_12	159	8		Yes			
V14119.00-V14120.00	17_12	280	10	V10				
V14120.00-V10141.A0	17_12	186	10	V10				
V13039.A0-V13039.B0	17_13	69	6				Yes	Yes
V13039.B0-V13039.00	17_13	36	6				Yes	Yes
V12014.00-V12015.00	17_13	148	6		Yes			Yes
V13011.00-V13013.00	17_13	205	6		Yes			Yes
V12006.00-V12007.00	17_13	146	6					Yes
V12024.00-V12025.00	17_13	207	6					Yes
V12032.00-V12034.00	17_13	256	6					Yes
V12031.00-V12032.00	17_13	124	6					Yes
V12012.00-V12013.00	17_13	178	6					Yes
V12030.00-V12031.00	17_13	145	6					Yes
V12011.00-V12012.00	17_13	310	6					Yes
V12010.00-V12011.00	17_13	35	6					Yes
V12009.00-V12011.00	17_13	140	6					Yes
V16035.00-V16039.00	17_13	324	8		Yes		Yes	
V12025.00-V12026.00	17_13	278	8		Yes			
V15121.00-V16048.00	17_13	397	8		Yes			
V12045.B0-V12045.00	17_13	348	8		Yes			
V12035.00-V12037.00	17_13	366	8		Yes			
V12044.00-V12045.B0	17_13	348	8		Yes			
V13003.00-V13004.00	17_13	118	8		Yes			
V15120.00-V15121.00	17_13	300	8		Yes			
V15119.00-V15120.00	17_13	304	8		Yes			
V15107.00-V15108.00	17_13	235	8		Yes			
V12050.00-V12051.00	17_13	54	8		Yes			
V12008.00-V12013.00	17_13	265	8		Yes			
V12002.00-V12003.00	17_13	72	8		Yes			
V12004.00-V12005.00	17_13	296	8		Yes			

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V12005.00-V12007.00	17_13	135	8		Yes			
V12049.00-V12050.00	17_13	182	8		Yes			
V13031.00-V13032.00	17_13	67	8		Yes			
V13032.00-V13033.00	17_13	251	8		Yes			
V12017.00-V12018.00	17_13	160	8		Yes			
V12016.00-V12017.00	17_13	180	8		Yes			
V13025.00-V13026.00	17_13	109	8		Yes			
V15112.00-V16050.00	17_13	461	12		Yes			
V15111.00-V15112.00	17_13	400	12		Yes			
V16048.00-V16049.00	17_13	27	15		Yes			
V16049.00-V16050.00	17_13	66	15		Yes			
V12019.00-V12020.00	17_13	173	8		Yes			
V12021.00-V12022.00	17_13	420	8		Yes			
V12015.00-V12018.00	17_13	181	8		Yes			
V13029.00-V13030.00	17_13	224	8		Yes			
V12020.00-V12021.00	17_13	182	8		Yes			
V13012.00-V13013.00	17_13	39	8		Yes			
V13013.00-V13014.00	17_13	281	8		Yes			
V13006.00-V13007.00	17_13	186	8		Yes			
V13005.00-V13006.00	17_13	179	8		Yes			
V13010.00-V13014.00	17_13	145	8		Yes			
V13009.00-V13010.00	17_13	162	8		Yes			
V13014.00-V13015.00	17_13	181	8		Yes			
V13002.00-V13005.00	17_13	195	8		Yes			
V13004.00-V13005.00	17_13	108	8		Yes			
V12013.00-V12015.00	17_13	235	8		Yes			
V13002.A0-V13002.00	17_13	85	8		Yes			
V21192.00-V21193.00	17_13	233	18	V11				
V16029.00-V16031.00	17_14	150	6					Yes
V19114.00-V19115.00	17_14	300	6					Yes
V19115.00-V19116.00	17_14	300	6					Yes
V16001.00-V16002.00	17_14	64	6					Yes
V16004.00-V16005.00	17_14	101	6					Yes
V16028.00-V16029.00	17_14	133	6					Yes
V16003.00-V16004.00	17_14	56	6					Yes
V16002.00-V16003.00	17_14	70	6					Yes
V16006.00-V16007.00	17_14	268	8		Yes		Yes	
V16015.00-V16016.00	17_14	310	8				Yes	
V16019.00-V16020.00	17_14	202	8				Yes	
V16014.00-V16015.00	17_14	61	8				Yes	
V16020.00-V16021.00	17_14	310	8				Yes	
V16021.00-V16022.00	17_14	303	8				Yes	
V16008.00-V16009.00	17_14	289	8				Yes	
V16007.00-V16015.00	17_14	280	8				Yes	
V16012.00-V16014.00	17_14	162	8				Yes	
V16011.00-V16012.00	17_14	252	8				Yes	
V16009.00-V16011.00	17_14	128	8				Yes	
V16010.00-V16011.00	17_14	84	8				Yes	
V16016.00-V16019.00	17_14	202	8				Yes	

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V16022.00-V16023.00	17_14	191	8				Yes	
V16023.00-V16035.00	17_14	55	8				Yes	
V16030.00-V16031.00	17_14	189	8		Yes			
V19116.00-V18030.00	17_14	171	8		Yes			
V19113.00-V19116.00	17_14	328	8		Yes			
V16033.00-V16034.00	17_14	250	8		Yes			
V16032.00-V16033.00	17_14	233	8		Yes			
V15116.00-V15117.00	17_14	399	8		Yes			
V15117.00-V15118.00	17_14	360	8		Yes			
V15118.00-V15119.00	17_14	330	8		Yes			
V15110.00-V15111.00	17_14	359	12		Yes			
V15109.00-V15110.00	17_14	327	12		Yes			
V16005.00-V16006.00	17_14	378	8		Yes			
V19108.00-V19109.00	17_15	350	6		Yes			Yes
V20072.B0-V20072.00	17_15	120	8			Yes		
V20072.A0-V20072.B0	17_15	68	8			Yes		
V20077.00-V20078.00	17_15	314	8		Yes			
V20071.00-V20072.A0	17_15	293	8		Yes			
V19104.00-V19105.00	17_15	122	8		Yes			
V20074.00-V20075.00	17_15	251	8		Yes			
V19069.00-V19070.00	17_16	334	8		Yes			
V19077.00-V19078.00	17_16	293	8		Yes			
V19074.00-V19075.00	17_16	190	8		Yes			
V19073.00-V19075.00	17_16	331	8		Yes			
V19065.00-V19068.00	17_16	161	8		Yes			
V19064.00-V19065.00	17_16	154	8		Yes			
V20027.00-V20028.00	17_16	141	8		Yes			
V19066.00-V19067.00	17_16	360	8		Yes			
V03032.D0-V03032.00	18_09	102	6					Yes
V06018.00-V06019.00	18_09	235	8		Yes			
V03023.C0-V03023.D0	18_09	181	8		Yes			
V07043.00-V07044.00	18_10	300	6				Yes	Yes
V07044.00-V07045.00	18_10	210	6				Yes	Yes
V06093.00-V06094.00	18_10	120	6		Yes			Yes
V06073.00-V06074.00	18_10	180	6		Yes			Yes
V06092.00-V06093.00	18_10	120	6					Yes
V06081.00-V06083.00	18_10	231	6					Yes
V06076.00-V06077.00	18_10	125	6					Yes
V06080.00-V06081.00	18_10	322	6					Yes
V06085.00-V06086.00	18_10	72	6					Yes
V06087.00-V06088.00	18_10	185	6					Yes
V06082.00-V06083.00	18_10	121	6					Yes
V06077.00-V06080.00	18_10	26	6					Yes
V07033.00-V07034.00	18_10	350	6					Yes
V07034.00-V07036.00	18_10	300	6					Yes
V07042.00-V07043.00	18_10	117	8				Yes	
V07045.00-V07046.00	18_10	295	8				Yes	
V06034.00-V06037.00	18_10	227	8		Yes			
V06071.00-V06072.00	18_10	270	8		Yes			

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V07029.00-V07030.00	18_10	135	8		Yes			
V07013.00-V07014.00	18_10	175	8		Yes			
V06067.00-V06068.00	18_10	266	8		Yes			
V06068.00-V06069.00	18_10	183	8		Yes			
V06069.00-V06070.00	18_10	248	8		Yes			
V06033.00-V06034.00	18_10	316	8		Yes			
V06032.00-V06033.00	18_10	195	8		Yes			
V06091.00-V06094.00	18_10	198	8		Yes			
V06028.00-V06029.00	18_10	216	8		Yes			
V06075.00-V06089.00	18_10	175	8		Yes			
V06072.00-V06074.00	18_10	50	8		Yes			
V06070.00-V06071.00	18_10	251	8		Yes			
V06088.00-V06089.00	18_10	190	8		Yes			
V06090.00-V06091.00	18_10	253	8		Yes			
V07012.00-V07013.00	18_10	168	8		Yes			
V09018.A0-V09018.00	18_11	416	6					Yes
V09022.00-V09023.00	18_11	363	6					Yes
V09005.00-V09006.00	18_11	73	6					Yes
V09028.00-V09029.00	18_11	475	6					Yes
V09023.00-V09025.00	18_11	216	6					Yes
V09006.00-V09007.00	18_11	300	6					Yes
V09037.00-V09038.00	18_11	104	6					Yes
V09036.00-V09037.00	18_11	70	6					Yes
V09039.00-V09040.00	18_11	206	6					Yes
V09043.00-V09045.00	18_11	235	6					Yes
V09031.00-V09032.00	18_11	280	6					Yes
V09030.00-V09031.00	18_11	195	6					Yes
V07037.00-V07038.00	18_11	320	6					Yes
V07035.00-V07036.00	18_11	230	6					Yes
V07038.00-V07039.00	18_11	233	6					Yes
V07039.00-V07040.00	18_11	200	6					Yes
V07040.00-V07041.00	18_11	96	6					Yes
V07041.00-V07046.00	18_11	321	6					Yes
V07048.00-V07049.00	18_11	300	6					Yes
V09041.00-V09042.00	18_11	225	6					Yes
V09044.00-V09045.00	18_11	225	6					Yes
V07024.00-V07025.00	18_11	265	6					Yes
V07025.00-V07026.00	18_11	161	6					Yes
V07052.00-V07053.00	18_11	124	8				Yes	
V07049.00-V07052.00	18_11	137	8				Yes	
V07053.00-V07054.00	18_11	301	8				Yes	
V07036.00-V07046.00	18_11	250	8				Yes	
V07046.00-V07047.00	18_11	115	8				Yes	
V09004.00-V09007.00	18_11	28	8		Yes			
V09019.00-V09020.00	18_11	225	8		Yes			
V09020.00-V09021.00	18_11	43	8		Yes			
V09021.00-V09023.00	18_11	153	8		Yes			
V09024.00-V09025.00	18_11	275	8		Yes			
V09009.00-V09010.00	18_11	350	8		Yes			

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V07050.00-V07051.00	18_11	107	8		Yes			
V09010.00-V09011.00	18_11	266	8		Yes			
V09003.00-V09004.00	18_11	337	8		Yes			
V09007.00-V09008.00	18_11	322	8		Yes			
V09008.00-V09010.00	18_11	254	8		Yes			
V07022.00-V07026.J0	18_11	186	8		Yes			
V07019.00-V07021.00	18_11	300	8		Yes			
V13050.00-V13051.00	18_12	308	6		Yes		Yes	Yes
V13107.00-V13108.00	18_12	215	6				Yes	Yes
V13105.00-V13106.00	18_12	111	6				Yes	Yes
V13108.00-V13109.00	18_12	328	6				Yes	Yes
V13106.00-V13108.00	18_12	100	6				Yes	Yes
V12096.00-V12097.00	18_12	204	6				Yes	Yes
V13117.00-V13118.00	18_12	214	6				Yes	Yes
V13135.00-V13138.00	18_12	210	6				Yes	Yes
V13137.00-V13138.00	18_12	460	6				Yes	Yes
V12091.00-V12097.00	18_12	213	6				Yes	Yes
V13053.00-V13054.00	18_12	160	6				Yes	Yes
V13054.00-V13055.00	18_12	250	6				Yes	Yes
V13102.00-V13103.00	18_12	245	6				Yes	Yes
V13101.00-V13102.00	18_12	243	6				Yes	Yes
V13109.00-V13110.A0	18_12	500	6				Yes	Yes
V13113.00-V13115.00	18_12	277	6				Yes	Yes
V13121.00-V13123.00	18_12	190	6				Yes	Yes
V13122.00-V13123.00	18_12	390	6				Yes	Yes
V13123.00-V13135.00	18_12	170	6				Yes	Yes
V13134.00-V13135.00	18_12	460	6				Yes	Yes
V13120.00-V13121.00	18_12	222	6				Yes	Yes
V13134.H0-V13134.00	18_12	180	6				Yes	Yes
V13119.00-V13120.00	18_12	240	6				Yes	Yes
V12092.00-V12093.00	18_12	331	6				Yes	Yes
V12093.00-V12095.00	18_12	42	6				Yes	Yes
V12095.00-V12096.00	18_12	114	6				Yes	Yes
V12094.00-V12095.00	18_12	83	6				Yes	Yes
V12087.00-V12088.00	18_12	5	6				Yes	Yes
V12088.00-V12089.00	18_12	300	6				Yes	Yes
V12089.00-V12090.00	18_12	175	6				Yes	Yes
V12090.00-V12091.00	18_12	182	6				Yes	Yes
V12070.00-V12071.00	18_12	359	6		Yes			Yes
V10137.00-V10138.00	18_12	94	6					Yes
V09038.00-V09039.00	18_12	376	6					Yes
V13111.00-V13112.00	18_12	92	6					Yes
V13046.00-V13047.00	18_12	162	6					Yes
V13047.00-V13049.00	18_12	79	6					Yes
V13112.00-V13115.00	18_12	200	6					Yes
V13057.A0-V13057.00	18_12	375	6					Yes
V12077.00-V12078.00	18_12	270	6					Yes
V13044.00-V13045.00	18_12	236	6					Yes
V13043.00-V13044.00	18_12	302	6					Yes

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V12069.00-V12070.00	18_12	172	6					Yes
V12069.B0-V12069.00	18_12	82	6					Yes
V12069.A0-V12069.B0	18_12	80	6					Yes
V13049.00-V13051.00	18_12	252	8		Yes		Yes	
V13051.00-V13052.00	18_12	164	8				Yes	
V13052.00-V13055.00	18_12	297	8				Yes	
V13048.00-V13049.00	18_12	252	8				Yes	
V13116.00-V13118.00	18_12	186	8				Yes	
V13115.00-V13116.00	18_12	121	8				Yes	
V13114.00-V13115.00	18_12	204	8				Yes	
V13038.00-V13056.00	18_12	155	8				Yes	
V13055.00-V13056.00	18_12	126	8				Yes	
V13056.00-V13057.00	18_12	194	8				Yes	
V13118.00-V13121.00	18_12	223	8				Yes	
V09051.00-V09052.00	18_12	460	8		Yes			
V12079.00-V12080.00	18_12	254	8		Yes			
V12071.00-V12072.A0	18_12	262	8		Yes			
V12072.A0-V12072.00	18_12	262	8		Yes			
V13045.00-V13052.00	18_12	192	8		Yes			
V10141.E0-V10141.00	18_12	408	15	V9				
V09056.00-V09057.00	18_12	450	18	V9				
V10141.00-V10142.A0	18_12	434	18	V9				
V10142.A0-V10142.00	18_12	434	18	V9				
V10142.00-V10143.A0	18_12	451	18	V9				
V10143.A0-V10143.00	18_12	451	18	V9				
V10143.00-V09056.00	18_12	450	18	V9				
V22114.00-V22116.00	18_13	61	6					Yes
V12065.00-V12066.00	18_13	350	6					Yes
V12053.00-V12054.00	18_13	47	6					Yes
V12073.00-V12074.00	18_13	179	6					Yes
V12054.00-V12055.00	18_13	140	6					Yes
V12074.00-V12081.00	18_13	43	6					Yes
V12062.00-V12063.00	18_13	180	6					Yes
V12063.00-V12064.00	18_13	160	6					Yes
V12064.00-V12065.00	18_13	150	6					Yes
V12061.00-V12062.00	18_13	204	6					Yes
V12052.00-V12053.00	18_13	133	6					Yes
V22146.00-V22147.00	18_13	223	6					Yes
V22154.00-V22155.00	18_13	235	8		Yes		Yes	
V12068.00-V12112.D0	18_13	142	10				Yes	
V21188.F0-V21188.G0	18_13	56	8			Yes		
V12080.00-V12081.00	18_13	254	8		Yes			
V12037.00-V12038.00	18_13	374	8		Yes			
V12072.00-V12073.00	18_13	29	8		Yes			
V12051.00-V12053.00	18_13	251	8		Yes			
V12056.00-V12057.00	18_13	229	8		Yes			
V12059.00-V12060.00	18_13	259	10		Yes			
V21189.00-V21190.00	18_13	230	12		Yes			
V22151.00-V22152.00	18_13	214	8		Yes			

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V22150.00-V22151.00	18_13	169	8		Yes			
V12055.00-V12057.00	18_13	431	8		Yes			
V12067.00-V12068.00	18_13	399	10		Yes			
V21191.00-V21192.00	18_13	370	8	V11				
V21193.00-V21194.00	18_13	230	18	V11				
V21195.00-V21196.00	18_13	298	18	V11				
V21194.00-V21195.00	18_13	364	18	V11				
V21196.00-V22147.00	18_13	358	18	V11				
V22003.00-V22004.00	18_14	285	8		Yes			
V22009.00-V22010.00	18_14	313	8		Yes			
V22100.00-V22101.00	18_14	226	8		Yes			
V22010.00-V22012.00	18_14	192	8		Yes			
V22008.00-V22009.00	18_14	373	8		Yes			
V21156.00-V21157.00	18_14	80	8		Yes			
V21155.00-V21156.00	18_14	159	8		Yes			
V21153.00-V21154.00	18_14	56	8		Yes			
V21118.00-V21119.00	18_14	402	8		Yes			
V21158.00-V21159.00	18_14	26	8		Yes			
V21167.00-V21168.00	18_14	252	8		Yes			
V21157.00-V21158.00	18_14	88	8		Yes			
V21151.00-V21152.00	18_14	169	8		Yes			
V21152.00-V21153.00	18_14	57	8		Yes			
V21168.00-V21171.00	18_14	241	8		Yes			
V21154.00-V21159.00	18_14	51	8		Yes			
V21169.00-V21170.00	18_14	41	8		Yes			
V21180.00-V21181.00	18_14	324	12		Yes			
V21179.00-V21180.00	18_14	221	12		Yes			
V21065.00-V21066.00	18_15	81	8			Yes		
V21100.00-V21101.00	18_15	196	8		Yes			
V21099.00-V21100.00	18_15	180	8		Yes			
V21093.00-V21094.00	18_15	144	8		Yes			
V21094.00-V21095.00	18_15	222	8		Yes			
V20003.00-V20004.00	18_16	248	6		Yes			Yes
V21044.C0-V21044.D0	18_16	58	8			Yes		
V20008.A0-V20008.00	18_16	138	8			Yes		
V20015.00-V20016.00	18_16	109	8		Yes			
V20013.00-V20014.00	18_16	195	8		Yes			
V20040.00-V20041.00	18_16	242	8		Yes			
V20014.00-V20015.00	18_16	205	8		Yes			
V20017.00-V20018.00	18_16	50	8		Yes			
V20018.00-V20019.00	18_16	270	8		Yes			
V20005.00-V20007.00	18_16	325	8		Yes			
V20004.00-V20005.00	18_16	142	8		Yes			
V02021.00-V02022.00	19_08	352	6		Yes			Yes
V02005.00-V02006.00	19_08	356	6					Yes
V02004.00-V02005.00	19_08	83	6					Yes
V02012.M0-V02012.N0	19_08	186	6					Yes
V02012.O0-V02012.P0	19_08	207	6					Yes
V02012.P0-V02012.00	19_08	26	6					Yes

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V02012.N0-V02012.O0	19_08	300	6					Yes
V02025.B0-V02025.C0	19_08	106	6					Yes
V02025.A0-V02025.B0	19_08	130	6					Yes
V02024.00-V02025.A0	19_08	324	6					Yes
V02023.00-V02024.00	19_08	88	6					Yes
V02012.A0-V02012.B0	19_08	345	8		Yes			
V02012.C0-V02012.E0	19_08	165	8		Yes			
V03097.00-V03098.00	19_08	340	8		Yes			
V02001.00-V02002.00	19_08	139	8		Yes			
V02025.C0-V02025.00	19_08	336	8		Yes			
V02020.00-V02025.C0	19_08	336	8		Yes			
V02011.00-V02014.00	19_08	259	8		Yes			
V03084.00-V03086.00	19_08	365	8		Yes			
V03083.00-V03084.00	19_08	306	8		Yes			
V02002.00-V02003.00	19_08	335	8		Yes			
V02013.00-V02011.00	19_08	94	8		Yes			
V02003.00-V02006.00	19_08	339	8		Yes			
V02014.00-V02020.00	19_08	253	8		Yes			
V02020.C0-V02020.D0	19_08	120	8		Yes			
V02020.D0-V02020.00	19_08	279	8		Yes			
V02019.00-V02020.00	19_08	49	8		Yes			
V03039.00-V03041.00	19_09	235	6					Yes
V03040.00-V03041.00	19_09	168	6					Yes
V03038.00-V03039.00	19_09	94	6					Yes
V03015.00-V03017.00	19_09	324	6					Yes
V06010.00-V06011.00	19_09	165	6					Yes
V06014.00-V06015.00	19_09	306	6					Yes
V06011.00-V06014.00	19_09	353	6					Yes
V03095.C0-V03095.D0	19_09	66	8			Yes		
V03095.B0-V03095.C0	19_09	124	8			Yes		
V03087.00-V03088.00	19_09	36	8		Yes			
V03057.00-V03058.00	19_09	89	8		Yes			
V03055.00-V03060.00	19_09	179	8		Yes			
V03059.00-V03060.00	19_09	151	8		Yes			
V03074.00-V03076.00	19_09	287	8		Yes			
V03049.00-V03054.00	19_09	352	8		Yes			
V03054.00-V03055.00	19_09	272	8		Yes			
V03041.00-V03048.00	19_09	321	8		Yes			
V03088.00-V03096.00	19_09	336	8		Yes			
V03090.00-V03095.00	19_09	310	8		Yes			
V03098.00-V03099.00	19_09	230	8		Yes			
V03095.00-V03096.00	19_09	310	8		Yes			
V03085.00-V03086.00	19_09	306	8		Yes			
V03086.00-V03088.00	19_09	248	8		Yes			
V03016.00-V03017.00	19_09	170	8		Yes			
V03017.00-V03019.00	19_09	320	8		Yes			
V04034.00-V04035.00	19_09	257	8		Yes			
V04045.00-V04046.00	19_09	339	8		Yes			
V03089.00-V03090.00	19_09	244	8		Yes			

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V03094.00-V03095.D0	19_09	207	8		Yes			
V03095.D0-V03095.00	19_09	207	8		Yes			
V06017.00-V06024.00	19_10	280	6		Yes			Yes
V06015.00-V06016.00	19_10	97	6					Yes
V06016.00-V06017.00	19_10	290	6					Yes
V06040.00-V06041.00	19_10	321	8		Yes			
V06039.A0-V06039.AA	19_10	309	8		Yes			
V06094.00-V06095.00	19_10	198	8		Yes			
V06095.00-V06096.00	19_10	251	8		Yes			
V06008.00-V06009.00	19_10	374	8		Yes			
V06005.00-V06008.00	19_10	374	8		Yes			
V06009.00-V06017.00	19_10	374	8		Yes			
V06096.00-V06097.00	19_10	208	10		Yes			
V06097.00-V06098.00	19_10	313	10		Yes			
V05059.00-V05060.00	19_10	301	8	V3				
V08035.00-V08036.00	19_11	161	6		Yes		Yes	Yes
V08034.00-V08035.00	19_11	37	6				Yes	Yes
V07061.A0-V07061.00	19_11	54	6					Yes
V07062.00-V07063.00	19_11	102	6					Yes
V07061.00-V07062.00	19_11	288	6					Yes
V08048.00-V08049.00	19_11	250	6					Yes
V08043.00-V08044.00	19_11	370	6					Yes
V08045.00-V08049.00	19_11	260	6					Yes
V08044.00-V08045.00	19_11	370	6					Yes
V08038.00-V08039.00	19_11	110	6					Yes
V08047.00-V08048.00	19_11	200	6					Yes
V08046.00-V08047.00	19_11	175	6					Yes
V08039.00-V08040.00	19_11	209	6					Yes
V08041.00-V08042.00	19_11	225	6					Yes
V08040.00-V08042.00	19_11	221	6					Yes
V08042.00-V08043.00	19_11	91	6					Yes
V08082.00-V08083.00	19_11	177	6					Yes
V07057.00-V07058.00	19_11	291	8		Yes		Yes	
V07056.00-V07059.00	19_11	300	8		Yes		Yes	
V07055.00-V07056.00	19_11	121	8		Yes		Yes	
V07054.00-V07064.00	19_11	289	8				Yes	
V07058.00-V07059.00	19_11	361	8				Yes	
V07055.A0-V07055.00	19_11	80	8			Yes		
V05026.A0-V05026.00	19_11	152	8		Yes			
V05026.00-V05027.00	19_11	163	8		Yes			
V05004.00-V05004.00	19_11	33	8		Yes			
V05003.00-V05004.00	19_11	313	8		Yes			
V05057.00-V05058.00	19_11	300	8	V3	Yes			
V06102.00-V05050.00	19_11	266	8	V3				
V05058.00-V05059.A0	19_11	267	8	V3				
V05052.00-V05057.00	19_11	300	8	V3				
V05059.A0-V05059.00	19_11	267	8	V3				
V05050.00-V05051.00	19_11	228	8	V3				
V05051.00-V05052.00	19_11	300	8	V3				

APPENDIX C
Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V06102.A0-V06102.00	19_11	246	10	V3				
V08037.00-V08134.00	19_12	354	6				Yes	Yes
V08134.00-V08135.00	19_12	354	6				Yes	Yes
V08036.00-V08037.00	19_12	43	6				Yes	Yes
V13125.00-V13126.00	19_12	247	6				Yes	Yes
V08006.00-V08007.00	19_12	140	6				Yes	Yes
V08005.00-V08006.00	19_12	143	6				Yes	Yes
V08004.00-V08007.00	19_12	215	6				Yes	Yes
V08002.00-V08004.00	19_12	235	6				Yes	Yes
V12106.00-V12108.00	19_12	306	6				Yes	Yes
V13136.00-V13137.00	19_12	280	6				Yes	Yes
V13124.00-V13125.00	19_12	163	6				Yes	Yes
V08016.00-V08017.00	19_12	267	6				Yes	Yes
V08007.00-V08015.00	19_12	360	6				Yes	Yes
V08010.00-V08011.00	19_12	153	6				Yes	Yes
V08001.00-V08002.00	19_12	180	6				Yes	Yes
V12097.00-V12098.00	19_12	240	6				Yes	Yes
V12105.00-V12106.00	19_12	165	6				Yes	Yes
V08003.00-V08004.A0	19_12	270	6				Yes	Yes
V08004.A0-V08004.00	19_12	270	6				Yes	Yes
V13126.00-V13134.H0	19_12	105	6				Yes	Yes
V22140.00-V22144.00	19_12	54	6					Yes
V24065.00-V24066.00	19_12	146	6					Yes
V22135.00-V22136.00	19_12	124	6					Yes
V22133.00-V22134.00	19_12	96	6					Yes
V22133.A0-V22133.00	19_12	176	6					Yes
V22139.00-V22140.00	19_12	181	6					Yes
V22135.B0-V22135.00	19_12	178	6					Yes
V12101.A0-V12101.B0	19_12	118	6					Yes
V22134.00-V22136.00	19_12	54	6					Yes
V22136.00-V22144.00	19_12	425	6					Yes
V22142.00-V22143.00	19_12	152	6					Yes
V22143.00-V22144.00	19_12	500	6					Yes
V24063.00-V24064.A0	19_12	536	6					Yes
V24044.00-V24045.00	19_12	195	6					Yes
V24046.E0-V24046.00	19_12	484	6					Yes
V24045.00-V24046.00	19_12	283	6					Yes
V24042.00-V24043.00	19_12	225	6					Yes
V24043.00-V24044.A0	19_12	222	6					Yes
V24044.A0-V24044.00	19_12	222	6					Yes
V24046.D0-V24046.E0	19_12	332	6					Yes
V24038.A0-V24038.00	19_12	526	6					Yes
V24038.00-V24039.A0	19_12	623	6					Yes
V24037.00-V24038.A0	19_12	526	6					Yes
V24064.A0-V24064.00	19_12	536	6					Yes
V24064.00-V24066.00	19_12	257	6					Yes
V24032.00-V24033.00	19_12	179	6					Yes
V12114.00-V12115.00	19_12	174	8		Yes		Yes	
V08033.00-V08037.00	19_12	89	10		Yes		Yes	

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V08032.00-V08033.00	19_12	325	10		Yes		Yes	
V12115.00-V12119.00	19_12	427	8				Yes	
V12113.00-V12115.00	19_12	210	8				Yes	
V12112.00-V12113.00	19_12	531	8				Yes	
V08017.F0-V08017.G0	19_12	406	8				Yes	
V08023.B0-V08023.00	19_12	24	15				Yes	
V08023.A0-V08023.B0	19_12	21	15				Yes	
V09052.00-V09053.00	19_12	455	8		Yes			
V22132.00-V22133.00	19_12	139	8		Yes			
V12118.00-V12119.00	19_12	185	18		Yes			
V12117.00-V12118.00	19_12	297	18		Yes			
V12119.00-V12120.00	19_12	335	18		Yes			
V12116.00-V12117.00	19_12	296	18		Yes			
V09054.00-V09061.00	19_12	231	18		Yes			
V09059.00-V09061.00	19_12	127	18		Yes			
V09058.00-V09059.B0	19_12	451	18	V9				
V09057.00-V09058.00	19_12	450	18	V9				
V22099.00-V22145.00	19_12	413	10	V5				
V22098.00-V22099.00	19_12	286	10	V5				
V22097.00-V22098.00	19_12	292	10	V5				
V22145.00-V24090.00	19_12	413	10	V5				
V22158.00-V22159.00	19_12	430	18	V4				
V22157.00-V22158.00	19_12	426	18	V4				
V22159.00-V22161.00	19_12	162	18	V4				
V22161.00-V22162.00	19_12	169	18	V4				
V22162.00-V24090.00	19_12	13	18	V4				
V24093.00-V24094.00	19_12	311	18	V4				
V24092.00-V24093.00	19_12	196	18	V4				
V24091.00-V24092.00	19_12	328	18	V4				
V24090.00-V24091.00	19_12	300	18	V4				
V22135.A0-V22135.B0	19_13	103	6					Yes
V22122.00-V22123.00	19_13	237	6					Yes
V22118.00-V22119.00	19_13	194	6					Yes
V22141.00-V22142.00	19_13	300	6					Yes
V24040.00-V24041.00	19_13	219	6					Yes
V22091.00-V22092.00	19_13	235	6					Yes
V22073.00-V22074.00	19_13	404	6					Yes
V22138.00-V22139.00	19_13	109	6					Yes
V22121.00-V22122.00	19_13	122	6					Yes
V22090.00-V22091.00	19_13	100	6					Yes
V22137.00-V22138.00	19_13	590	6					Yes
V22120.00-V22121.00	19_13	103	6					Yes
V24041.00-V24042.00	19_13	106	6					Yes
V22115.00-V22116.00	19_13	200	6					Yes
V22115.A0-V22115.00	19_13	49	6					Yes
V22127.00-V22128.00	19_13	165	8		Yes			
V22131.00-V22132.00	19_13	403	8		Yes			
V22130.00-V22131.00	19_13	40	8		Yes			
V22129.00-V22130.00	19_13	177	8		Yes			

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V22128.00-V22129.00	19_13	197	8		Yes			
V22035.00-V22036.00	19_13	323	8		Yes			
V22126.00-V22127.00	19_13	154	8		Yes			
V22040.00-V22041.00	19_13	103	8		Yes			
V22094.00-V22095.00	19_13	19	8	V5				
V22093.00-V22094.00	19_13	249	8	V5				
V22096.00-V22097.00	19_13	399	10	V5				
V22095.00-V22096.00	19_13	220	10	V5				
V22076.00-V22077.00	19_13	300	12	V5				
V22077.00-V22078.00	19_13	261	12	V5				
V22078.00-V22095.00	19_13	185	12	V5				
V22156.00-V22157.CO	19_13	196	18	V4				
V22157.CO-V22157.00	19_13	236	18	V4				
V23093.I0-V23093.J0	19_14	165	6					Yes
V23093.J0-V23093.00	19_14	300	6					Yes
V23088.00-V23089.00	19_14	186	6					Yes
V23087.00-V23088.00	19_14	291	6					Yes
V23078.00-V23079.00	19_14	308	6					Yes
V23086.00-V23093.00	19_14	160	8				Yes	
V23027.00-V23028.00	19_14	270	8				Yes	
V23028.00-V23039.00	19_14	254	8				Yes	
V23039.00-V23040.00	19_14	167	8				Yes	
V23040.00-V23067.00	19_14	309	8				Yes	
V23067.00-V23068.00	19_14	74	8				Yes	
V23068.00-V23086.00	19_14	155	8				Yes	
V23100.00-V23101.00	19_14	87	8				Yes	
V23093.00-V23094.00	19_14	147	8				Yes	
V23094.00-V23100.00	19_14	150	8				Yes	
V23101.00-V23102.00	19_14	256	8				Yes	
V23093.G0-V23093.H0	19_14	40	8			Yes		
V23093.H0-V23093.J0	19_14	53	8			Yes		
V23093.F0-V23093.G0	19_14	158	8			Yes		
V23093.A0-V23093.B0	19_14	65	8			Yes		
V23093.B0-V23093.D0	19_14	123	8			Yes		
V22015.00-V22016.00	19_14	96	8		Yes			
V22006.00-V22007.00	19_14	129	8		Yes			
V23066.00-V23067.00	19_14	247	8		Yes			
V23004.00-V23005.00	19_14	190	8		Yes			
V22007.00-V22008.00	19_14	203	8		Yes			
V23091.00-V23092.00	19_14	230	8		Yes			
V22017.00-V22018.00	19_14	115	8		Yes			
V22016.00-V22017.00	19_14	293	8		Yes			
V23226.00-V23229.00	19_14	327	8		Yes			
V22029.00-V22031.00	19_14	195	8		Yes			
V22030.00-V22031.00	19_14	200	8		Yes			
V22019.00-V22020.00	19_14	185	8		Yes			
V22020.00-V22021.00	19_14	170	8		Yes			
V22021.00-V22022.00	19_14	350	8		Yes			
V23069.00-V23070.00	19_14	63	8		Yes			

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V23070.00-V23071.00	19_14	99	8		Yes			
V23074.00-V23075.00	19_14	175	8		Yes			
V23026.00-V23027.00	19_15	118	6		Yes		Yes	Yes
V23025.00-V23027.00	19_15	281	8				Yes	
V23021.00-V23025.00	19_15	124	8				Yes	
V23055.00-V23056.00	19_15	264	8		Yes			
V23005.00-V23007.00	19_15	315	8		Yes			
V23006.00-V23007.00	19_15	75	8		Yes			
V23022.00-V23023.00	19_15	62	8		Yes			
V23020.00-V23021.00	19_15	248	8		Yes			
V23018.00-V23019.00	19_15	105	8		Yes			
V21071.00-V21072.00	19_15	130	8		Yes			
V21072.00-V21073.00	19_15	125	8		Yes			
V21073.00-V21074.00	19_15	89	8		Yes			
V21074.00-V21075.00	19_15	152	8		Yes			
V21037.A0-V21037.B0	19_16	277	8		Yes			
V02035.00-V02037.00	20_08	220	6		Yes			Yes
V02033.00-V02037.00	20_08	206	6		Yes			Yes
V02066.A0-V02066.B0	20_08	278	6					Yes
V02027.00-V02028.00	20_08	52	6					Yes
V02034.00-V02035.00	20_08	24	6					Yes
V02037.00-V02039.00	20_08	209	6					Yes
V02059.00-V02062.00	20_08	304	6					Yes
V02061.00-V02062.00	20_08	140	6					Yes
V02060.00-V02061.00	20_08	240	6					Yes
V02038.00-V02039.00	20_08	50	6					Yes
V02041.00-V02042.00	20_08	213	6					Yes
V02042.00-V02043.00	20_08	320	6					Yes
V02029.00-V02030.00	20_08	257	6					Yes
V02046.00-V02048.00	20_08	227	6					Yes
V02030.00-V02031.00	20_08	245	6					Yes
V02044.00-V02045.00	20_08	320	6					Yes
V02054.00-V02055.00	20_08	20	8		Yes			
V02055.00-V02057.00	20_08	154	8		Yes			
V03101.00-V03102.00	20_08	326	8		Yes			
V03102.00-V03103.00	20_08	326	8		Yes			
V03149.00-V03150.00	20_08	175	8		Yes			
V03129.00-V03130.00	20_08	347	8		Yes			
V03130.00-V03131.00	20_08	209	8		Yes			
V03131.00-V03149.00	20_08	61	8		Yes			
V03153.C0-V03153.00	20_08	217	8		Yes			
V03128.00-V03129.00	20_08	266	8		Yes			
V03118.00-V03129.00	20_08	215	8		Yes			
V03117.00-V03118.00	20_08	349	8		Yes			
V03148.00-V03149.00	20_08	75	8		Yes			
V02056.00-V02057.00	20_08	69	8		Yes			
V02057.00-V02063.00	20_08	219	8		Yes			
V03162.00-V03163.00	20_08	362	8		Yes			
V02063.00-V02065.00	20_08	127	8		Yes			

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V02064.00-V02065.00	20_08	246	8		Yes			
V02053.00-V02054.00	20_08	192	8		Yes			
V03062.00-V03063.00	20_09	250	8		Yes			
V03063.00-V03064.00	20_09	265	8		Yes			
V04060.00-V04061.00	20_09	321	8		Yes			
V03078.00-V03079.00	20_09	253	8		Yes			
V03065.00-V03072.00	20_09	225	8		Yes			
V03077.00-V03080.00	20_09	350	8		Yes			
V03069.00-V03070.00	20_09	264	8		Yes			
V03109.00-V03110.00	20_09	180	8		Yes			
V03110.00-V03111.00	20_09	83	8		Yes			
V04044.00-V04060.00	20_09	350	8		Yes			
V03068.00-V03069.00	20_09	176	8		Yes			
V03076.00-V03077.00	20_09	280	8		Yes			
V03100.00-V03104.00	20_09	802	8		Yes			
V03104.00-V03108.00	20_09	340	8		Yes			
V04065.00-V04066.00	20_09	240	8		Yes			
V04073.00-V04074.00	20_09	159	8		Yes			
V04072.00-V04076.00	20_09	218	8		Yes			
V04042.00-V04043.00	20_09	244	8		Yes			
V04043.00-V04044.00	20_09	205	8		Yes			
V04040.00-V04041.00	20_09	276	8		Yes			
V03125.00-V03126.00	20_09	147	8		Yes			
V03114.00-V03115.00	20_09	149	8		Yes			
V03126.00-V03127.00	20_09	277	8		Yes			
V03113.00-V03114.00	20_09	184	8		Yes			
V03137.00-V03138.00	20_09	22	8		Yes			
V03138.00-V03139.00	20_09	101	8		Yes			
V03146.00-V03147.00	20_09	264	8		Yes			
V03147.00-V03148.00	20_09	255	8		Yes			
V03124.00-V03125.00	20_09	48	8		Yes			
V04028.00-V04030.CO	20_10	20	6			Yes		Yes
V05073.00-V05074.BO	20_10	185	6					Yes
V05074.A0-V05074.00	20_10	100	6					Yes
V04028.D0-V04028.00	20_10	293	6					Yes
V04003.00-V04004.00	20_10	250	6					Yes
V05035.00-V05036.00	20_10	158	8		Yes			
V05074.00-V05075.00	20_10	300	8		Yes			
V04005.00-V04006.00	20_10	263	8		Yes			
V04046.00-V04047.00	20_10	307	8		Yes			
V04006.00-V04007.00	20_10	272	8		Yes			
V04007.00-V04011.00	20_10	260	8		Yes			
V04068.00-V04069.00	20_10	145	8		Yes			
V04069.00-V04071.00	20_10	225	8		Yes			
V04019.00-V04023.00	20_10	350	8		Yes			
V04067.00-V04068.00	20_10	190	8		Yes			
V04066.00-V04068.00	20_10	156	8		Yes			
V04004.00-V04005.00	20_10	69	8		Yes			
V04021.00-V04022.00	20_10	296	8		Yes			

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V05023.00-V05024.00	20_10	235	8		Yes			
V05066.00-V05067.00	20_10	354	8		Yes			
V04017.00-V04018.00	20_10	290	8		Yes			
V05025.00-V05036.00	20_10	319	12		Yes			
V04002.00-V04004.00	20_10	231	8		Yes			
V04018.00-V04019.00	20_10	355	8		Yes			
V04008.00-V04009.00	20_10	252	8		Yes			
V04009.00-V04010.00	20_10	302	8		Yes			
V04022.00-V04023.00	20_10	66	8		Yes			
V05060.00-V05068.00	20_10	203	8	V3				
V05068.00-V05069.00	20_10	78	8	V3				
V05078.00-V05079.00	20_10	28	8	V3				
V05077.00-V05078.00	20_10	330	8	V3				
V05079.00-V05080.00	20_10	392	8	V3				
V05076.00-V05077.00	20_10	194	8	V3				
V05069.00-V05075.00	20_10	334	8	V3				
V05075.00-V05076.00	20_10	200	8	V3				
V08060.00-V08061.00	20_11	47	6				Yes	Yes
V08061.00-V08138.00	20_11	144	6				Yes	Yes
V08096.00-V08103.00	20_11	330	6		Yes			Yes
V08106.00-V08107.00	20_11	191	6		Yes			Yes
V05031.A0-V05031.B0	20_11	139	6					Yes
V08089.00-V08090.00	20_11	333	6					Yes
V08108.00-V08109.00	20_11	245	6					Yes
V08105.00-V08109.00	20_11	323	6					Yes
V08088.00-V08089.00	20_11	341	6					Yes
V08086.00-V08087.00	20_11	300	6					Yes
V08081.00-V08084.00	20_11	415	6					Yes
V08107.00-V08108.00	20_11	95	6					Yes
V08109.00-V08110.00	20_11	138	6					Yes
V08110.00-V08111.00	20_11	129	6					Yes
V08087.00-V08088.00	20_11	209	6					Yes
V08085.00-V08089.00	20_11	377	6					Yes
V08083.00-V08084.00	20_11	224	6					Yes
V29049.00-V32T094.00	20_11	303	8			Yes		
V05037.00-V05041.A0	20_11	121	12			Yes		
V05034.00-V05035.00	20_11	320	8		Yes			
V05033.00-V05034.00	20_11	335	8		Yes			
V05039.00-V05040.00	20_11	312	8		Yes			
V05027.00-V05028.00	20_11	88	8		Yes			
V05030.00-V05031.B0	20_11	246	8		Yes			
V05028.00-V05030.00	20_11	96	8		Yes			
V05032.00-V05033.00	20_11	94	8		Yes			
V05031.B0-V05031.00	20_11	129	8		Yes			
V05031.00-V05032.00	20_11	185	8		Yes			
V29031.00-V29032.00	20_11	310	8		Yes			
V05012.00-V05013.00	20_11	338	12		Yes			
V05080.00-V05102.00	20_11	363	8	V3	Yes			
V29133.00-V32T410.00	20_11	259	8		Yes			

APPENDIX C

Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V05038.00-V05039.00	20_11	100	8		Yes			
V05042.00-V05043.00	20_11	10	8		Yes			
V05043.00-V05044.00	20_11	303	8		Yes			
V05101.00-V05102.00	20_11	85	8	V3				
V32T397.00-V32T395.00	20_11	95	21	V2				
V32T097.A0-V32T395.00	20_11	30	21	V2				
V32T096.00-V32T097.A0	20_11	341	24	V2				
V32T395.00-V32T095.A0	20_11	70	33	V2				
V32T095.A0-V32T094.00	20_11	28	33	V2				
V24013.00-V24016.00	20_12	133	6				Yes	Yes
V24067.00-V24068.00	20_12	191	6				Yes	Yes
V24010.00-V24012.00	20_12	63	6				Yes	Yes
V24012.00-V24013.00	20_12	120	6				Yes	Yes
V24005.00-V24013.00	20_12	414	6				Yes	Yes
V24024.00-V24025.00	20_12	179	6		Yes			Yes
V28156.00-V28157.00	20_12	114	6		Yes			Yes
V24070.00-V24072.00	20_12	7	6	V7				Yes
V24068.00-V24096.A0	20_12	10	6					Yes
V08133.A0-V08133.00	20_12	13	6					Yes
V24011.00-V24012.00	20_12	49	6					Yes
V24087.00-V24088.00	20_12	179	6					Yes
V24073.00-V24075.00	20_12	175	6					Yes
V24033.00-V24034.00	20_12	232	6					Yes
V24048.00-V24049.00	20_12	150	6					Yes
V24085.00-V24086.00	20_12	221	6					Yes
V24086.00-V24088.00	20_12	254	6					Yes
V24076.00-V24077.00	20_12	211	6					Yes
V24035.00-V24036.00	20_12	527	6					Yes
V24074.00-V24075.00	20_12	50	6					Yes
V24079.00-V24080.00	20_12	120	6					Yes
V24080.00-V24081.00	20_12	35	6					Yes
V24078.00-V24081.00	20_12	210	6					Yes
V24077.00-V24078.00	20_12	70	6					Yes
V24075.00-V24078.00	20_12	265	6					Yes
V24034.00-V24035.00	20_12	473	6					Yes
V24018.00-V24031.00	20_12	109	6					Yes
V24017.00-V24018.00	20_12	41	6					Yes
V28155.00-V28156.00	20_12	80	6					Yes
V24081.00-V24082.00	20_12	316	6					Yes
V24046.00-V24047.00	20_12	200	6					Yes
V24039.A0-V24039.00	20_12	623	6					Yes
V24039.00-V24050.00	20_12	184	6					Yes
V24036.00-V24051.00	20_12	313	6					Yes
V24031.00-V24036.00	20_12	329	6					Yes
V24088.00-V24089.00	20_12	125	6					Yes
V24084.00-V24085.00	20_12	224	6					Yes
V24083.00-V24084.00	20_12	226	6					Yes
V24082.00-V24083.00	20_12	212	6					Yes
V24069.00-V24070.00	20_12	97	6					Yes

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V24066.00-V24069.00	20_12	385	6					Yes
V24050.00-V24051.00	20_12	75	6					Yes
V24049.00-V24050.00	20_12	252	6					Yes
V24047.00-V24049.00	20_12	249	6					Yes
V29022.00-V29023.00	20_12	210	6					Yes
V24023.00-V24024.00	20_12	174	6					Yes
V24021.A0-V24021.00	20_12	255	6					Yes
V24021.00-V24025.00	20_12	379	6					Yes
V24025.00-V24026.00	20_12	379	6					Yes
V24027.00-V24029.00	20_12	258	6					Yes
V24028.00-V24029.00	20_12	81	6					Yes
V24029.00-V24030.00	20_12	41	6					Yes
V24030.00-V24031.00	20_12	188	6					Yes
V24026.00-V24027.00	20_12	117	6					Yes
V24016.00-V24017.00	20_12	346	6					Yes
V24015.00-V24016.00	20_12	717	6					Yes
V29017.00-V29018.00	20_12	180	8		Yes		Yes	
V28146.00-V28148.00	20_12	212	8				Yes	
V29018.00-V29019.00	20_12	180	8				Yes	
V29024.00-V29031.00	20_12	250	8		Yes			
V29011.00-V29020.00	20_12	344	8		Yes			
V28150.00-V28152.00	20_12	235	8		Yes			
V29023.00-V29024.00	20_12	292	8		Yes			
V29015.00-V29016.00	20_12	100	8		Yes			
V29016.00-V29019.00	20_12	275	8		Yes			
V29014.00-V29015.00	20_12	113	8		Yes			
V28142.00-V28166.00	20_12	330	8	V7	Yes			
V24056.00-V24057.00	20_12	18	12	V7	Yes			
V28162.00-V28163.00	20_12	51	8		Yes			
V28152.00-V28161.00	20_12	62	8		Yes			
V28157.00-V28158.00	20_12	169	8		Yes			
V28166.00-V28167.00	20_12	166	8	V7				
V28141.00-V28142.00	20_12	438	8	V7				
V28167.00-V24056.00	20_12	31	8	V7				
V24062.00-V24070.00	20_12	16	12	V7				
V24057.00-V24058.00	20_12	102	12	V7				
V24059.00-V24060.00	20_12	149	12	V7				
V24058.00-V24059.00	20_12	149	12	V7				
V24061.00-V24062.00	20_12	121	12	V7				
V24060.00-V24061.00	20_12	347	12	V7				
V24095.00-V24096.A0	20_12	219	18	V4				
V24094.00-V24095.00	20_12	143	18	V4				
V24096.A0-V24100.00	20_12	219	18	V4				
V22070.00-V22071.00	20_13	179	6		Yes			Yes
V25027.00-V25028.00	20_13	70	6		Yes			Yes
V24002.D0-V24002.00	20_13	114	6					Yes
V24002.C0-V24002.D0	20_13	98	6					Yes
V22089.00-V22091.00	20_13	225	6					Yes
V22071.00-V22072.00	20_13	277	6					Yes

APPENDIX C

Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V22068.00-V22072.00	20_13	172	6					Yes
V25032.00-V25033.00	20_13	353	6					Yes
V25028.00-V25029.00	20_13	330	6					Yes
V24002.00-V24003.00	20_13	184	6					Yes
V22072.00-V22074.00	20_13	304	6					Yes
V22086.00-V22087.00	20_13	338	6					Yes
V22088.00-V22089.00	20_13	305	6					Yes
V22087.00-V22088.00	20_13	145	6					Yes
V22067.00-V22068.00	20_13	106	6					Yes
V22062.00-V22068.00	20_13	344	6					Yes
V22061.00-V22062.00	20_13	270	6					Yes
V22060.00-V22061.00	20_13	35	6					Yes
V22059.00-V22060.00	20_13	73	6					Yes
V25021.00-V25022.00	20_13	211	6					Yes
V22066.00-V22067.00	20_13	74	6					Yes
V22063.00-V22065.00	20_13	125	6					Yes
V22064.00-V22065.00	20_13	45	6					Yes
V22065.00-V22067.00	20_13	176	6					Yes
V22057.00-V22058.00	20_13	252	6					Yes
V22058.00-V22059.00	20_13	125	6					Yes
V22069.00-V22070.00	20_13	345	6					Yes
V22084.00-V22087.00	20_13	125	6					Yes
V23210.00-V23211.00	20_13	379	6					Yes
V24019.00-V24020.00	20_13	125	6					Yes
V24020.00-V24021.A0	20_13	255	6					Yes
V24022.00-V24023.00	20_13	260	6					Yes
V24003.00-V24004.00	20_13	100	6					Yes
V24001.00-V24004.00	20_13	230	6					Yes
V24004.00-V24005.00	20_13	230	6					Yes
V22085.A0-V22085.00	20_13	114	6					Yes
V22085.00-V22086.00	20_13	332	6					Yes
V24002.B0-V24002.C0	20_13	17	6					Yes
V24002.A0-V24002.C0	20_13	102	6					Yes
V25050.00-V25051.00	20_13	246	8		Yes		Yes	
V25055.00-V25056.00	20_13	359	8				Yes	
V25054.00-V25055.00	20_13	359	8				Yes	
V25052.00-V25054.00	20_13	278	8				Yes	
V25049.00-V25051.00	20_13	306	8				Yes	
V25051.00-V25052.00	20_13	321	8				Yes	
V25042.A0-V25042.00	20_13	331	8		Yes			
V22083.00-V22084.00	20_13	237	8		Yes			
V25053.00-V25054.00	20_13	379	8		Yes			
V24008.00-V24009.00	20_13	233	8		Yes			
V25041.00-V25042.00	20_13	314	8		Yes			
V22042.00-V22043.00	20_13	70	8		Yes			
V22046.00-V22047.00	20_13	175	8		Yes			
V23095.00-V23096.00	20_14	200	6				Yes	Yes
V23097.00-V23099.00	20_14	203	6				Yes	Yes
V23096.00-V23097.00	20_14	82	6				Yes	Yes

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V23118.00-V23119.00	20_14	196	6					Yes
V25029.00-V25030.00	20_14	79	6					Yes
V23178.00-V23179.00	20_14	300	6					Yes
V23204.00-V23205.00	20_14	210	6					Yes
V23207.00-V23208.00	20_14	215	6					Yes
V25020.00-V25022.00	20_14	65	6					Yes
V23129.A0-V23129.00	20_14	261	6					Yes
V23174.00-V23176.00	20_14	92	6					Yes
V23203.00-V23205.00	20_14	150	6					Yes
V23098.00-V23099.00	20_14	165	6					Yes
V23112.A0-V23112.00	20_14	157	6					Yes
V23164.00-V23165.00	20_14	325	8		Yes		Yes	
V23171.00-V23172.00	20_14	247	8		Yes		Yes	
V23163.00-V23165.00	20_14	215	8				Yes	
V23172.00-V23173.00	20_14	121	8				Yes	
V23173.00-V23179.00	20_14	179	8				Yes	
V23170.00-V23172.00	20_14	338	8				Yes	
V23104.00-V23105.00	20_14	164	8				Yes	
V23103.00-V23105.00	20_14	261	8				Yes	
V23105.00-V23132.00	20_14	270	8				Yes	
V23132.00-V23211.00	20_14	177	8				Yes	
V23191.00-V23192.00	20_14	19	8				Yes	
V23188.00-V23191.00	20_14	148	8				Yes	
V23179.00-V23188.00	20_14	104	8				Yes	
V23169.00-V23170.00	20_14	80	8				Yes	
V23165.00-V23169.00	20_14	129	8				Yes	
V23102.00-V23103.00	20_14	260	8				Yes	
V23112.00-V23113.00	20_14	203	8		Yes			
V23113.00-V23114.00	20_14	247	8		Yes			
V23125.00-V23126.00	20_14	120	8		Yes			
V23090.00-V23091.00	20_14	310	8		Yes			
V23124.00-V23126.00	20_14	222	8		Yes			
V23123.00-V23124.00	20_14	195	8		Yes			
V23126.00-V23127.00	20_14	370	8		Yes			
V23157.00-V23158.00	20_15	208	6					Yes
V23151.00-V23152.00	20_15	160	6					Yes
V23159.00-V23162.00	20_15	300	6					Yes
V23158.00-V23159.00	20_15	95	6					Yes
V23155.00-V23156.00	20_15	270	6					Yes
V23162.00-V23163.00	20_15	289	8		Yes		Yes	
V23154.00-V23156.00	20_15	111	8				Yes	
V23156.00-V23162.00	20_15	219	8				Yes	
V23153.00-V23154.00	20_15	253	8				Yes	
V23160.00-V23161.00	20_15	200	8		Yes			
V23135.00-V23136.00	20_15	221	8		Yes			
V23134.00-V23135.00	20_15	307	8		Yes			
V23161.00-V23162.00	20_15	196	8		Yes			
V23046.00-V23047.00	20_15	227	8		Yes			
V23049.00-V23050.00	20_15	292	8		Yes			

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V23141.00-V23142.00	20_15	282	8		Yes			
B11016.00-B11017.00	20_17	176	8		Yes			
B11017.00-B11018.00	20_17	122	8		Yes			
B11015.00-B11018.00	20_18	122	8		Yes			
B11020.00-B11021.00	20_18	290	8		Yes			
B11019.00-B11020.00	20_18	220	8		Yes			
B11018.00-B11019.00	20_18	147	8		Yes			
B11004.00-B11005.00	20_18	259	8		Yes			
B11005.00-B11006.00	20_18	191	8		Yes			
B12003.TB-B12003.TC	20_20	168	8					
V01032.00-V01033.00	21_07	193	6		Yes			Yes
V01033.00-V01034.00	21_07	259	6		Yes			Yes
V01012.00-V01014.00	21_07	215	6					Yes
V01027.00-V01028.00	21_07	52	6					Yes
V01015.00-V01016.K0	21_07	376	8		Yes			
V01040.00-V01041.00	21_07	240	8		Yes			
V01035.00-V01036.00	21_07	197	8		Yes			
V01014.00-V01015.00	21_07	372	8		Yes			
V01039.00-V01040.00	21_07	223	8		Yes			
V01034.00-V01035.00	21_07	186	8		Yes			
V02087.CO-V02087.DO	21_08	272	6					Yes
V02066.BO-V02066.E0	21_08	298	6					Yes
V02066.DO-V02066.E0	21_08	91	6					Yes
V02087.BO-V02087.CO	21_08	152	6					Yes
V02087.A0-V02087.BO	21_08	83	6					Yes
V02066.CO-V02066.DO	21_08	274	6					Yes
V02076.A0-V02076.00	21_08	25	6					Yes
V02076.00-V02077.00	21_08	101	6					Yes
V02089.00-V02090.00	21_08	351	6					Yes
V02088.00-V02089.00	21_08	116	6					Yes
V02078.00-V02079.00	21_08	191	6					Yes
V02071.00-V02072.00	21_08	162	6					Yes
V02074.00-V02075.00	21_08	297	6					Yes
V02066.E0-V02066.00	21_08	110	6					Yes
V32T068.00-V32T067.00	21_08	397	36			Yes		
V02077.00-V02079.00	21_08	260	8		Yes			
V02070.00-V02072.00	21_08	86	8		Yes			
V02075.00-V02077.00	21_08	214	8		Yes			
V02072.00-V02073.00	21_08	183	8		Yes			
V02073.00-V02075.00	21_08	92	8		Yes			
V02069.00-V02070.00	21_08	70	8		Yes			
V02080.00-V02081.00	21_08	336	8	V1	Yes			
V03189.00-V03190.00	21_08	146	8	V1	Yes			
V03190.00-V03191.00	21_08	290	8	V1	Yes			
V03185.00-V03186.00	21_08	299	8		Yes			
V02068.00-V02069.00	21_08	174	8		Yes			
V03186.00-V03187.00	21_08	126	8	V1				
V03187.00-V03188.00	21_08	299	8	V1				
V03188.00-V03189.00	21_08	167	8	V1				

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V02079.00-V02080.00	21_08	281	8	V1				
V03191.00-V02082.00	21_08	246	8	V1				
V03170.00-V03171.00	21_09	31	6		Yes			Yes
V03171.00-V03172.00	21_09	145	6		Yes			Yes
V03169.00-V03170.00	21_09	240	6		Yes			Yes
V03169.A0-V03169.00	21_09	8	6					Yes
V32052.00-V32T075.00	21_09	40	8			Yes		
V32042.00-V32043.00	21_09	26	8			Yes		
V32T079.00-V32T078.00	21_09	403	36			Yes		
V32T078.00-V32T077.00	21_09	161	36			Yes		
V32T077.00-V32T076.00	21_09	150	36			Yes		
V32T076.00-V32T075.00	21_09	153	36			Yes		
V32T075.00-V32T074.00	21_09	323	36			Yes		
V32T074.00-V32T073.00	21_09	341	36			Yes		
V32T072.00-V32T071.00	21_09	112	36			Yes		
V32T071.00-V32T070.00	21_09	464	36			Yes		
V32T070.00-V32T069.00	21_09	464	36			Yes		
V32T069.00-V32T068.00	21_09	398	36			Yes		
V32T073.00-V32T072.00	21_09	443	36			Yes		
V04063.00-V04064.00	21_09	151	8		Yes			
V04062.00-V04063.00	21_09	328	8		Yes			
V04061.00-V04062.00	21_09	221	8		Yes			
V03182.00-V03183.00	21_09	243	8		Yes			
V03183.00-V03184.00	21_09	362	8	V1	Yes			
V03184.00-V03187.00	21_09	106	8	V1	Yes			
V04081.00-V32T078.00	21_09	240	8		Yes			
V03174.00-V03175.00	21_09	257	8		Yes			
V03179.00-V03180.00	21_09	338	8		Yes			
V03168.00-V03172.00	21_09	314	8		Yes			
V03172.00-V03173.00	21_09	332	8		Yes			
V03173.00-V03175.00	21_09	94	8		Yes			
V03175.00-V03176.00	21_09	267	8		Yes			
V03176.00-V03182.00	21_09	250	8		Yes			
V04030.C0-V04030.00	21_10	312	6		Yes			Yes
V04030.A0-V04030.B0	21_10	162	6					Yes
V04030.B0-V04030.C0	21_10	145	6					Yes
V04030.00-V04031.00	21_10	77	8		Yes		Yes	
V04029.00-V04030.00	21_10	221	8		Yes		Yes	
V04031.00-V32T082.00	21_10	197	8		Yes		Yes	
V32T086.00-V32T085.00	21_10	374	30	V2		Yes		
V32T085.00-V32T084.00	21_10	42	30	V2		Yes		
V32036.00-V32037.00	21_10	64	10			Yes		
V32T084.00-V32T083.00	21_10	457	36			Yes		
V32T083.00-V32T083.A0	21_10	477	36			Yes		
V32T080.00-V32T079.00	21_10	461	36			Yes		
V32T083.A0-V32T082.00	21_10	120	36			Yes		
V32T082.00-V32T081.00	21_10	383	36			Yes		
V32T081.00-V32T080.00	21_10	461	36			Yes		
V32043.00-V32044.00	21_10	106	8		Yes			

APPENDIX C

Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V32046.00-V32047.00	21_10	322	8		Yes			
V05099.00-V05100.00	21_10	374	8		Yes			
V05100.00-V05101.00	21_10	386	8		Yes			
V05098.00-V05099.00	21_10	258	8		Yes			
V04023.00-V04024.00	21_10	293	8		Yes			
V04025.00-V04026.00	21_10	122	8		Yes			
V04026.00-V04031.00	21_10	92	8		Yes			
V30053.00-V30054.00	21_10	314	10					
V29115.00-V29116.00	21_11	273	6					Yes
V29114.00-V29115.00	21_11	146	6					Yes
V29113.00-V29114.00	21_11	163	6					Yes
V29120.A0-V29120.00	21_11	73	6					Yes
V29047.C0-V29047.00	21_11	226	8		Yes	Yes		
V30060.00-V30061.00	21_11	24	10	V6		Yes		
V30061.00-V32T092.A0	21_11	17	10	V6		Yes		
V30059.00-V30060.00	21_11	162	10	V6		Yes		
V30058.00-V30059.00	21_11	147	10	V6		Yes		
V32T093.00-V32T092.00	21_11	251	30	V2		Yes		
V32T092.00-V32T092.B0	21_11	89	30	V2		Yes		
V32T092.B0-V32T092.A0	21_11	20	30	V2		Yes		
V32T088.00-V32T087.A0	21_11	12	30	V2		Yes		
V32T087.A0-V32T087.00	21_11	233	30	V2		Yes		
V32T092.A0-V32T091.00	21_11	440	30	V2		Yes		
V32T090.00-V32T089.00	21_11	70	30	V2		Yes		
V32T089.00-V32T088.00	21_11	76	30	V2		Yes		
V32T087.00-V32T086.00	21_11	372	30	V2		Yes		
V29129.00-V32T093.00	21_11	357	8			Yes		
V29127.00-V29128.00	21_11	274	8			Yes		
V29128.00-V29129.00	21_11	265	8			Yes		
V29046.00-V29047.C0	21_11	141	8			Yes		
V29047.00-V29048.00	21_11	462	8			Yes		
V29048.00-V29049.00	21_11	202	8			Yes		
V29105.00-V29112.00	21_11	147	8		Yes			
V05103.00-V05104.00	21_11	123	8	V3	Yes			
V05104.00-V05105.00	21_11	343	8	V3	Yes			
V05044.00-V05103.00	21_11	300	8		Yes			
V30057.CD-V30057.C0	21_11	259	8		Yes			
V29119.00-V29120.00	21_11	222	8		Yes			
V29118.00-V29119.00	21_11	50	8		Yes			
V05046.00-V05047.00	21_11	224	12		Yes			
V05041.00-V05046.00	21_11	235	12		Yes			
V30056.A0-V30056.00	21_11	291	10	V6				
V30056.00-V30057.C0	21_11	454	10	V6				
V30057.C0-V30057.00	21_11	353	10	V6				
V30057.00-V30058.00	21_11	462	10	V6				
V05102.00-V05103.00	21_11	113	8	V3				
V05106.00-V32T090.00	21_11	9	10	V3				
V05105.00-V05106.00	21_11	230	10	V3				
V05047.00-V05048.00	21_11	104	12	V2				

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V05048.00-V05091.A0	21_11	153	12	V2				
V05091.A0-V32T091.00	21_11	12	12	V2				
V32T094.00-V32T093.00	21_11	774	30	V2				
V32T091.00-V32T090.00	21_11	440	30	V2				
V28087.00-V28088.00	21_12	252	6		Yes			Yes
V28102.00-V28103.00	21_12	187	6		Yes			Yes
V29042.A0-V29042.00	21_12	55	6					Yes
V28118.00-V28119.00	21_12	40	6					Yes
V28117.00-V28118.00	21_12	138	6					Yes
V28144.00-V28145.00	21_12	305	6					Yes
V28116.00-V28117.00	21_12	78	6					Yes
V28106.00-V28107.00	21_12	137	6					Yes
V28096.00-V28097.00	21_12	100	6					Yes
V28099.00-V28100.00	21_12	38	8		Yes		Yes	
V28098.00-V28100.00	21_12	123	8		Yes		Yes	
V28104.00-V28108.00	21_12	241	8		Yes		Yes	
V28101.00-V28104.00	21_12	333	8		Yes		Yes	
V28145.00-V28146.00	21_12	246	8		Yes		Yes	
V28088.A0-V28088.00	21_12	234	8		Yes		Yes	
V28103.00-V28104.00	21_12	233	8		Yes		Yes	
V28108.00-V28119.00	21_12	110	8		Yes		Yes	
V28105.00-V28108.00	21_12	250	8		Yes		Yes	
V28100.00-V28101.00	21_12	234	8				Yes	
V28143.00-V28145.00	21_12	205	8				Yes	
V29043.F0-V29043.00	21_12	204	8			Yes		
V29039.00-V29040.00	21_12	403	8		Yes			
V29040.00-V29041.00	21_12	309	8		Yes			
V29041.00-V29046.00	21_12	310	8		Yes			
V28113.00-V28114.00	21_12	238	8		Yes			
V28112.00-V28113.00	21_12	109	8		Yes			
V29012.00-V29013.00	21_12	212	8		Yes			
V29013.00-V29014.00	21_12	140	8		Yes			
V29045.C0-V29045.00	21_12	45	8		Yes			
V29065.00-V29067.00	21_12	309	8		Yes			
V29044.00-V29045.C0	21_12	421	8		Yes			
V28111.00-V28112.00	21_12	399	8		Yes			
V29066.00-V29067.00	21_12	260	8		Yes			
V28122.00-V28123.F0	21_12	99	8		Yes			
V28140.00-V28141.00	21_12	483	8	V7				
V24054.H0-V24054.I0	21_13	92	6		Yes		Yes	Yes
V24054.K0-V24054.L0	21_13	126	6		Yes		Yes	Yes
V24054.G0-V24054.K0	21_13	130	6		Yes		Yes	Yes
V24054.I0-V24054.J0	21_13	44	6				Yes	Yes
V24014.00-V24015.00	21_13	250	6				Yes	Yes
V28091.00-V28092.00	21_13	333	6				Yes	Yes
V28135.00-V28137.00	21_13	200	6		Yes			Yes
V28126.00-V28127.00	21_13	273	6		Yes			Yes
V28133.00-V28134.00	21_13	138	6		Yes			Yes
V28138.00-V28139.00	21_13	7	6					Yes

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V28137.00-V28138.00	21_13	31	6					Yes
V28125.00-V28126.00	21_13	8	6					Yes
V24054.B0-V24054.G0	21_13	160	6					Yes
V28136.00-V28137.00	21_13	230	6					Yes
V24054.D0-V24054.E0	21_13	152	6					Yes
V28128.00-V28129.00	21_13	210	6					Yes
V28090.00-V28092.00	21_13	305	6					Yes
V26188.00-V26189.00	21_13	212	6					Yes
V28134.00-V28135.00	21_13	373	6					Yes
V28092.00-V28127.00	21_13	505	6					Yes
V28132.00-V28133.00	21_13	431	6					Yes
V28129.00-V28132.00	21_13	431	6					Yes
V24054.A0-V24054.B0	21_13	268	6					Yes
V24054.J0-V24054.K0	21_13	22	8		Yes		Yes	
V28085.00-V28089.00	21_13	82	8				Yes	
V28076.00-V28085.00	21_13	454	8				Yes	
V25072.00-V25077.00	21_13	376	8				Yes	
V25056.00-V25057.00	21_13	375	8				Yes	
V25066.00-V25067.A0	21_13	335	8				Yes	
V25067.A0-V25067.00	21_13	335	8				Yes	
V25068.00-V25071.00	21_13	347	8				Yes	
V28088.00-V28089.00	21_13	234	8				Yes	
V25071.00-V25072.00	21_13	347	8				Yes	
V25077.00-V25078.00	21_13	375	8				Yes	
V25057.00-V25078.00	21_13	306	8				Yes	
V25067.00-V25068.00	21_13	350	8				Yes	
V28089.00-V28090.00	21_13	190	8				Yes	
V24054.L0-V24054.M0	21_13	226	8		Yes			
V24054.M0-V24054.N0	21_13	239	8		Yes			
V24054.N0-V24054.O0	21_13	130	8		Yes			
V26239.00-V26240.00	21_13	263	8		Yes			
V25036.00-V25037.00	21_13	98	8		Yes			
V25074.00-V25076.00	21_13	350	8		Yes			
V25075.00-V25076.00	21_13	86	8		Yes			
V25073.00-V25074.00	21_13	119	8		Yes			
V25078.00-V24052.A0	21_13	29	8		Yes			
V24054.C0-V24054.E0	21_13	90	15		Yes			
V26229.00-V26231.A0	21_13	155	8		Yes			
V26241.A0-V26241.00	21_13	74	8	V8				
V26241.00-V26242.00	21_13	50	8	V8				
V26191.00-V26236.00	21_13	363	8	V8				
V26236.00-V26237.00	21_13	339	8	V8				
V26190.00-V26191.00	21_13	365	8	V8				
V26189.00-V26190.00	21_13	387	8	V8				
V26187.00-V26189.00	21_13	387	8	V8				
V26237.00-V26241.00	21_13	375	8	V8				
V26240.00-V26241.00	21_13	87	8	V8				
V26242.00-V24052.A0	21_13	7	8	V8				
V28139.00-V28140.00	21_13	470	8	V7				

APPENDIX C
Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V28127.00-V28139.00	21_13	344	8	V7				
V23148.00-V23149.00	21_14	227	6					Yes
V26036.00-V26037.00	21_14	364	6					Yes
V23177.00-V23178.00	21_14	208	6					Yes
V23175.00-V23176.00	21_14	110	6					Yes
V23176.00-V23177.00	21_14	97	6					Yes
V25063.00-V25064.00	21_14	25	6					Yes
V25062.00-V25063.00	21_14	150	6					Yes
V26061.00-V26062.00	21_14	145	6					Yes
V26062.00-V26064.00	21_14	287	6					Yes
V25064.00-V25065.00	21_14	170	6					Yes
V25014.00-V25015.00	21_14	206	8		Yes			
V25010.00-V25011.00	21_14	230	8		Yes			
V25009.00-V25010.00	21_14	91	8		Yes			
V25008.00-V25009.00	21_14	152	8		Yes			
V25011.00-V25014.00	21_14	296	8		Yes			
V26056.00-V26057.00	21_14	89	8		Yes			
V23183.00-V23184.00	21_14	295	8		Yes			
V23184.00-V23185.00	21_14	120	8		Yes			
V23180.00-V23181.00	21_14	160	8		Yes			
V23185.00-V23186.00	21_14	239	8		Yes			
V25007.00-V25008.00	21_14	195	8		Yes			
V26058.00-V26059.00	21_14	235	8		Yes			
V26055.00-V26056.00	21_14	322	8		Yes			
V26045.00-V26046.00	21_14	125	8		Yes			
V26044.00-V26048.00	21_14	208	8		Yes			
V25061.00-V25063.00	21_14	111	8		Yes			
V26185.00-V26186.00	21_14	178	8	V8	Yes			
V26020.00-V26021.00	21_14	183	8		Yes			
V26186.00-V26187.00	21_14	379	8	V8				
V26183.00-V26185.00	21_14	291	8	V8				
V27010.00-V27011.00	21_15	160	8		Yes			
V27009.00-V27010.00	21_15	310	8		Yes			
V26008.00-V26009.00	21_15	177	8		Yes			
V26003.00-V26009.00	21_15	187	8	V8				
V26009.00-V26010.00	21_15	318	8	V8				
V26002.00-V26003.00	21_15	170	8	V8				
V26001.00-V26002.00	21_15	333	8	V8				
V27011.00-V26001.00	21_15	204	8	V8				
V26010.00-V26017.B0	21_15	233	8	V8				
V26017.B0-V26017.00	21_15	233	8	V8				
V26017.00-V26018.00	21_15	176	8	V8				
B11067.00-B11068.00	21_16	330	8		Yes			
B11027.00-B11026.00	21_18	350	6					Yes
B12032.00-B12033.00	21_18	3	8		Yes			
B12035.00-B12036.00	21_18	51	8		Yes			
B12038.00-B12039.00	21_18	139	8		Yes			
B12037.00-B12038.00	21_18	212	8		Yes			
B12036.00-B12037.00	21_18	152	8		Yes			

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
B12039.00-B12040.00	21_18	81	8		Yes			
B12033.00-B12035.00	21_18	108	8		Yes			
B12040.00-B12042.00	21_18	225	8		Yes			
B12023.00-B12024.00	21_19	373	6					Yes
B12022.00-B12023.00	21_19	317	6					Yes
B12027.00-B12028.00	21_19	128	6					Yes
B12026.00-B12027.00	21_19	215	6					Yes
B12003.TD-B12003.TE	21_20	145	8			Yes		
B12003.R0-B12003.S0	21_20	271	8					
B12003.TC-B12003.TD	21_20	287	8					
V01018.00-V01019.00	22_07	216	6		Yes			Yes
V32T061.00-V32T060.00	22_07	301	36			Yes		
V32T060.00-V32T059.00	22_07	550	36			Yes		
V01023.00-V01024.00	22_07	306	8		Yes			
V01041.00-V01042.00	22_07	336	8		Yes			
V01050.00-V01051.00	22_07	72	8	V1	Yes			
V01024.00-V01050.00	22_07	326	8	V1	Yes			
V02099.00-V02100.00	22_07	214	10	V1	Yes			
V01051.00-V01052.00	22_07	313	12	V1	Yes			
V01016.00-V01017.00	22_07	328	8		Yes			
V01049.00-V01050.00	22_07	265	8		Yes			
V01021.00-V01022.00	22_07	282	8		Yes			
V02100.00-V01051.00	22_07	211	10	V1				
V01052.00-V01056.00	22_07	364	10	V1				
V32T067.00-V32T066.00	22_08	499	36			Yes		
V32T066.00-V32T065.00	22_08	483	36			Yes		
V32T065.00-V32T064.00	22_08	407	36			Yes		
V32T062.00-V32T061.00	22_08	553	36			Yes		
V32T064.00-V32T063.00	22_08	474	36			Yes		
V32T063.00-V32T062.00	22_08	605	36			Yes		
V02081.00-V02084.00	22_08	324	8	V1	Yes			
V02098.00-V02099.00	22_08	345	10	V1	Yes			
V02085.00-V02097.00	22_08	351	10	V1	Yes			
V02097.00-V02098.00	22_08	340	10	V1	Yes			
V02096.00-V02097.00	22_08	334	8		Yes			
V01055.00-V01056.00	22_08	110	8		Yes			
V01054.00-V01055.00	22_08	206	8		Yes			
V01053.00-V01054.00	22_08	190	8		Yes			
V02083.A0-V02083.00	22_08	15	8	V1				
V02083.00-V02084.00	22_08	244	8	V1				
V02082.00-V02083.A0	22_08	289	8	V1				
V02084.00-V02085.A0	22_08	54	10	V1				
V02085.A0-V02085.00	22_08	334	10	V1				
V01056.00-V32T228.00	22_08	190	10	V1				
OV2025.C0-OV2025.D0	22_09	157	8			Yes		
V32127.A0-V32127.B0	22_09	152	8			Yes		
V32127.B0-V32127.C0	22_09	71	8			Yes		
V32117.00-V32118.00	22_09	55	8		Yes			
V32118.00-V32119.00	22_09	294	8		Yes			

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V32011.00-V32012.00	22_10	160	6					Yes
OV2010.00-OV2011.00	22_10	275	6					Yes
V32027.00-V32029.00	22_10	270	8		Yes			
V29095.00-V29096.00	22_11	176	8		Yes			
V29104.00-V29105.00	22_11	227	8		Yes			
V29103.00-V29104.00	22_11	390	8		Yes			
V29102.00-V29103.00	22_11	79	8		Yes			
V29101.00-V29102.00	22_11	111	8		Yes			
V29098.00-V29099.00	22_11	236	8		Yes			
V29099.00-V29100.00	22_11	117	8		Yes			
V29100.00-V29101.00	22_11	191	8		Yes			
V29097.00-V29098.00	22_11	205	8		Yes			
V29090.00-V29091.00	22_11	245	8		Yes			
V29093.00-V29094.00	22_11	156	8		Yes			
V29079.00-V29080.00	22_11	304	8		Yes			
V29094.00-V29095.00	22_11	162	8		Yes			
V30045.00-V30048.00	22_11	169	8		Yes			
V30046.00-V30047.00	22_11	277	8		Yes			
V30036.00-V30037.00	22_11	156	8		Yes			
V30037.00-V30038.00	22_11	47	8		Yes			
V30038.00-V30039.00	22_11	308	8		Yes			
V30035.00-V30036.00	22_11	132	8		Yes			
V29096.00-V29102.00	22_11	127	8		Yes			
V29085.00-V29086.00	22_11	288	8		Yes			
V29080.00-V29081.00	22_11	194	8		Yes			
V29082.00-V29083.00	22_11	364	8		Yes			
V29083.00-V29084.00	22_11	241	8		Yes			
V30044.00-V30050.00	22_11	363	10		Yes			
V30044.B0-V30044.00	22_11	214	10		Yes			
V29088.00-V29089.00	22_12	163	6					Yes
V29089.00-V29092.00	22_12	157	6					Yes
V31023.00-V31024.00	22_12	188	6					Yes
V29072.00-V29073.00	22_12	272	6					Yes
V28068.00-V28069.00	22_12	108	8		Yes		Yes	
V28070.00-V28071.00	22_12	41	8		Yes		Yes	
V28075.00-V28076.00	22_12	454	8				Yes	
V28061.00-V28062.00	22_12	359	8				Yes	
V28074.00-V28075.00	22_12	121	8				Yes	
V28073.00-V28074.00	22_12	118	8				Yes	
V28069.00-V28070.00	22_12	119	8				Yes	
V28058.00-V28059.00	22_12	234	8				Yes	
V28057.00-V28058.00	22_12	110	8				Yes	
V28056.00-V28058.00	22_12	366	8				Yes	
V28062.00-V28063.00	22_12	284	8				Yes	
V28059.00-V28062.00	22_12	224	8				Yes	
V28055.00-V28056.00	22_12	377	8				Yes	
V28071.00-V28072.00	22_12	224	8				Yes	
V28060.00-V28061.00	22_12	358	8				Yes	
V29091.00-V29092.00	22_12	304	8		Yes			

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V29092.00-V29093.00	22_12	254	8		Yes			
V29087.00-V29092.00	22_12	298	8		Yes			
V29051.A0-V29051.00	22_12	147	8		Yes			
V31022.00-V31024.00	22_12	166	8		Yes			
V31022.A0-V31022.B0	22_12	316	8		Yes			
V31039.00-V31040.00	22_12	100	8		Yes			
V31038.00-V31040.00	22_12	240	8		Yes			
V29086.00-V29087.C0	22_12	214	8		Yes			
V29087.C0-V29087.00	22_12	214	8		Yes			
V28018.00-V28019.00	22_13	162	6					Yes
V28047.00-V28048.00	22_13	199	8		Yes		Yes	
V28022.00-V28023.00	22_13	298	8		Yes		Yes	
V28023.00-V28037.00	22_13	287	8		Yes		Yes	
V28040.00-V28041.00	22_13	168	8		Yes		Yes	
V28037.00-V28038.00	22_13	345	8		Yes		Yes	
V28026.00-V28027.00	22_13	163	8				Yes	
V28025.00-V28026.00	22_13	216	8				Yes	
V28053.00-V28054.00	22_13	196	8				Yes	
V28048.00-V28049.00	22_13	223	8				Yes	
V28044.00-V28048.00	22_13	165	8				Yes	
V28043.00-V28044.00	22_13	186	8				Yes	
V28072.00-V28076.00	22_13	196	8				Yes	
V28049.00-V28050.00	22_13	223	8				Yes	
V28042.00-V28043.00	22_13	192	8				Yes	
V28024.00-V28025.00	22_13	260	8				Yes	
V28045.00-V28046.00	22_13	113	8				Yes	
V28046.00-V28047.00	22_13	134	8				Yes	
V28051.00-V28053.00	22_13	119	8				Yes	
V28052.00-V28053.00	22_13	116	8				Yes	
V28054.00-V28072.00	22_13	225	8				Yes	
V28039.00-V28041.00	22_13	115	8				Yes	
V28038.00-V28039.00	22_13	249	8				Yes	
V28036.00-V28037.00	22_13	199	8				Yes	
V28050.00-V28054.00	22_13	175	8				Yes	
V28041.00-V28042.00	22_13	200	8				Yes	
V28080.00-V28081.00	22_13	24	8		Yes			
V26215.00-V26216.00	22_13	58	8		Yes			
V26208.00-V26209.00	22_13	177	8		Yes			
V26207.00-V26208.00	22_13	130	8		Yes			
V26226.00-V26227.00	22_13	74	8		Yes			
V26228.00-V26229.00	22_13	127	8		Yes			
V26210.00-V26213.00	22_13	117	8		Yes			
V26225.00-V26226.00	22_13	102	8		Yes			
V26224.00-V26225.00	22_13	120	8		Yes			
V26222.00-V26223.00	22_13	30	8		Yes			
V26214.00-V26215.00	22_13	135	8		Yes			
V26211.00-V26212.00	22_13	120	8		Yes			
V26212.00-V26213.00	22_13	164	8		Yes			
V26209.00-V26210.00	22_13	58	8		Yes			

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V26213.00-V26214.00	22_13	126	8		Yes			
V28009.00-V28010.00	22_13	180	8		Yes			
V28083.00-V28084.00	22_13	236	8		Yes			
V28081.00-V28082.00	22_13	115	8		Yes			
V28079.00-V28081.00	22_13	291	8		Yes			
V31019.00-V31021.00	22_13	75	8		Yes			
V31020.00-V31021.00	22_13	375	8		Yes			
V26219.00-V26220.00	22_13	331	8		Yes			
V26217.00-V26227.00	22_13	45	8		Yes			
V26216.00-V26217.00	22_13	239	8		Yes			
V26223.00-V26225.00	22_13	125	8		Yes			
V26172.00-V26173.00	22_14	205	6					Yes
V26169.B0-V26169.00	22_14	210	8		Yes			
V26159.00-V26160.00	22_14	223	8		Yes			
V26108.00-V26160.00	22_14	62	8		Yes			
V26153.00-V26156.00	22_14	94	8		Yes			
V26157.00-V26158.00	22_14	40	8		Yes			
V26170.00-V26171.00	22_14	112	8		Yes			
V26170.B0-V26170.00	22_14	162	8		Yes			
V26184.A0-V26184.00	22_14	292	8		Yes			
V26162.00-V26163.00	22_14	290	8		Yes			
V26161.00-V26162.00	22_14	299	8		Yes			
V26169.00-V26170.00	22_14	105	8		Yes			
V26181.00-V26182.00	22_14	206	8		Yes			
V26171.00-V26172.00	22_14	179	8		Yes			
V26176.00-V26177.00	22_14	31	8	V8				
V26071.00-V26072.00	22_14	232	8	V8				
V26070.00-V26071.00	22_14	232	8	V8				
V26073.00-V26087.00	22_14	244	8	V8				
V26072.00-V26073.00	22_14	240	8	V8				
V26175.00-V26176.00	22_14	321	8	V8				
V26087.00-V26175.00	22_14	379	8	V8				
V26177.00-V26182.00	22_14	321	8	V8				
V26182.00-V26183.00	22_14	291	8	V8				
V26029.00-V26030.00	22_14	58	8	V8				
V26026.00-V26029.00	22_14	362	8	V8				
V26018.00-V26026.00	22_14	270	8	V8				
V26030.00-V26070.00	22_14	242	8	V8				
B13031.00-B13032.00	22_15	191	6		Yes			Yes
B13003.00-B13005.00	22_15	370	6					Yes
B13002.00-B13003.00	22_15	315	6					Yes
B13001.00-B13002.00	22_15	170	6					Yes
B13036.00-B13037.00	22_15	215	8		Yes			
V26007.00-V26008.00	22_15	302	8		Yes			
V26004.00-V26007.00	22_15	267	8		Yes			
B13030.00-B13032.00	22_15	43	8		Yes			
B13025.00-B13026.00	22_15	273	8		Yes			
B13013.00-B13026.00	22_15	323	8		Yes			
B13034.A0-B13034.B0	22_15	277	8		Yes			

APPENDIX C

Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
B13034.B0-B13034.C0	22_15	120	8		Yes			
B13034.C0-B13034.D0	22_15	51	8		Yes			
B11081.00-B11082.00	22_16	259	6					Yes
B11080.00-B11081.00	22_16	195	6					Yes
B11079.00-B11080.00	22_16	235	6					Yes
B11068.00-B11084.00	22_16	324	8		Yes			
B11091.00-B11092.00	22_17	400	6					Yes
B11090.00-B11091.00	22_17	294	6					Yes
B11093.00-B11094.00	22_17	340	6					Yes
B11114.00-B11115.00	22_17	309	6					Yes
B11115.00-B11116.00	22_17	53	6					Yes
B10001.00-B10002.00	22_17	107	8		Yes			
B10002.00-B10003.00	22_17	265	8		Yes			
B11108.00-B11109.00	22_17	362	8		Yes			
B11107.00-B11108.00	22_17	165	8		Yes			
B11062.00-B11113.00	22_17	350	8		Yes			
B11061.00-B11062.00	22_17	232	8		Yes			
B11102.00-B11104.00	22_17	150	8		Yes			
B11101.00-B11102.00	22_17	260	8		Yes			
B11044.00-B11045.00	22_18	198	6					Yes
B11045.00-B11046.00	22_18	250	6					Yes
B12087.00-B12088.00	22_18	396	8		Yes			
B12063.00-B12064.00	22_18	295	8		Yes			
B12062.00-B12063.00	22_18	337	8		Yes			
B12030.00-B12031.C0	22_18	384	8		Yes			
B12042.00-B12043.00	22_18	256	8		Yes			
B12058.00-B12062.00	22_18	264	8		Yes			
B12057.00-B12058.00	22_18	297	8		Yes			
B12056.00-B12057.00	22_19	275	8		Yes			
B12055.00-B12056.00	22_19	304	8		Yes			
B12053.00-B12055.00	22_19	81	8		Yes			
B12054.00-B12055.00	22_19	40	8		Yes			
B12052.00-B12056.00	22_19	300	8		Yes			
V32T011.00-V32T010.00	23_01	103	36			Yes		
V32T021.00-V32T019.00	23_02	378	36			Yes		
V32T021.A0-V32T021.00	23_02	21	36			Yes		
V32T022.00-V32T021.00	23_02	155	42			Yes		
V32T022.A0-V32T022.00	23_02	144	42			Yes		
V32T023.00-V32T022.A0	23_02	329	42			Yes		
V32T024.00-V32T023.00	23_02	552	42			Yes		
V32T025.00-V32T024.00	23_02	203	42			Yes		
V32T026.00-V32T025.00	23_02	529	42			Yes		
V32T030.00-V32T029.00	23_03	460	36			Yes		
V32T027.00-V32T026.00	23_03	408	42			Yes		
V32T027.A0-V32T027.00	23_03	347	42			Yes		
V32T028.00-V32T027.A0	23_03	76	42			Yes		
V32T029.00-V32T028.00	23_03	207	42			Yes		
V32T031.00-V32T030.00	23_03	422	36			Yes		
V32T032.00-V32T031.00	23_03	471	36			Yes		

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V32T033.00-V32T032.00	23_03	478	36			Yes		
V32T034.00-V32T033.00	23_04	458	36			Yes		
V32T035.00-V32T034.00	23_04	430	36			Yes		
V32T205.00-V32T045.00	23_05	83	27			Yes		
V32T041.00-V32T040.00	23_05	373	36			Yes		
V32T042.00-V32T041.00	23_05	550	36			Yes		
V32T045.00-V32T044.00	23_05	102	36			Yes		
V32T043.00-V32T042.00	23_05	558	36			Yes		
V32T044.00-V32T043.00	23_05	50	36			Yes		
V32T046.00-V32T045.00	23_05	224	36			Yes		
V32T047.00-V32T046.00	23_05	468	36			Yes		
V32T050.00-V32T049.00	23_06	350	36			Yes		
V32T054.00-V32T053.00	23_06	323	36			Yes		
V32T053.00-V32T052.00	23_06	483	36			Yes		
V32T052.00-V32T051.00	23_06	362	36			Yes		
V32T051.00-V32T050.00	23_06	466	36			Yes		
V32T049.00-V32T048.00	23_06	200	36			Yes		
V32T048.00-V32T047.00	23_06	468	36			Yes		
V32T059.00-V32T058.00	23_07	431	36			Yes		
V32T058.00-V32T057.00	23_07	443	36			Yes		
V32T057.00-V32T056.00	23_07	443	36			Yes		
V32T056.00-V32T055.00	23_07	443	36			Yes		
V32T055.00-V32T054.00	23_07	290	36			Yes		
V01001.00-V01002.00	23_07	349	8		Yes			
V30011.00-V30012.00	23_10	298	8		Yes			
V30027.A0-V30027.00	23_11	401	6		Yes			Yes
V31136.00-V31137.00	23_11	329	10			Yes		
V31137.00-V31138.00	23_11	316	10			Yes		
V31138.00-V31139.00	23_11	103	10			Yes		
V31139.00-V30023.00	23_11	91	10			Yes		
V30027.00-V30030.00	23_11	123	8		Yes			
V30025.00-V30026.00	23_11	114	8		Yes			
V31067.00-V31068.00	23_11	281	8		Yes			
V31066.00-V31067.00	23_11	155	8		Yes			
V31065.00-V31067.00	23_11	19	8		Yes			
V31117.00-V31118.00	23_11	320	8		Yes			
V30029.00-V30030.00	23_11	190	8		Yes			
V31115.00-V31116.00	23_11	64	8		Yes			
V31088.00-V31089.00	23_11	116	8		Yes			
V31129.00-V31130.00	23_11	149	8		Yes			
V30030.00-V30032.00	23_11	269	8		Yes			
V30024.00-V30025.00	23_11	196	8		Yes			
V30026.00-V30027.00	23_11	357	8		Yes			
V31036.A0-V31036.B0	23_12	134	6					Yes
V31055.00-V31056.00	23_12	335	6					Yes
V31061.00-V31062.00	23_12	130	6					Yes
V29073.00-V29074.00	23_12	156	6					Yes
V31025.A0-V31025.00	23_12	100	6					Yes
V31036.B0-V31036.00	23_12	192	8		Yes			

APPENDIX C

Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V31024.00-V31025.00	23_12	294	8		Yes			
V31080.00-V31085.00	23_12	299	8		Yes			
V31079.00-V31080.00	23_12	293	8		Yes			
V29078.00-V29079.00	23_12	313	8		Yes			
V31030.00-V31036.00	23_12	103	8		Yes			
V29075.00-V29077.00	23_12	273	8		Yes			
V29074.00-V29075.00	23_12	55	8		Yes			
V29071.00-V29074.00	23_12	248	8		Yes			
V29070.00-V29071.00	23_12	345	8		Yes			
V29077.00-V29078.00	23_12	102	8		Yes			
V31033.00-V31034.00	23_12	290	8		Yes			
V31068.00-V31070.00	23_12	107	8		Yes			
V31070.00-V31071.00	23_12	182	8		Yes			
V31071.00-V31072.00	23_12	77	8		Yes			
V31072.00-V31073.00	23_12	157	8		Yes			
V31073.00-V31074.00	23_12	100	8		Yes			
V31069.00-V31070.00	23_12	275	8		Yes			
V31082.00-V31085.00	23_12	88	8		Yes			
V31086.00-V31087.00	23_12	330	8		Yes			
V31049.00-V31051.00	23_12	287	8		Yes			
V31098.00-V31099.00	23_12	265	8		Yes			
V31017.00-V31018.00	23_13	193	8		Yes			
V31022.C0-V31022.00	23_13	85	8		Yes			
V31018.00-V31022.C0	23_13	131	8		Yes			
V31016.00-V31017.00	23_13	276	8		Yes			
V26090.00-V26091.00	23_14	85	6					Yes
V26089.00-V26090.00	23_14	130	6					Yes
V26109.C0-V26109.00	23_14	192	8			Yes		
V26109.A0-V26109.B0	23_14	33	8			Yes		
V26147.00-V26148.00	23_14	112	8		Yes			
V26133.00-V26134.00	23_14	251	8		Yes			
V26118.00-V26119.00	23_14	46	8		Yes			
V26148.00-V26149.00	23_14	282	8		Yes			
V26120.00-V26121.00	23_14	280	8		Yes			
V26119.00-V26121.00	23_14	160	8		Yes			
V26137.00-V26138.00	23_14	280	8		Yes			
V26136.00-V26138.00	23_14	70	8		Yes			
V26145.00-V26146.00	23_14	192	8		Yes			
V26134.00-V26146.00	23_14	192	8		Yes			
V26129.00-V26130.00	23_14	82	8		Yes			
V26138.00-V26143.00	23_14	399	8		Yes			
V28001.00-V28002.00	23_14	223	8		Yes			
V26135.00-V26136.00	23_14	148	8		Yes			
V26088.00-V26089.00	23_15	10	6					Yes
B13037.00-B13038.00	23_15	336	8		Yes			
B13040.00-B13041.00	23_15	148	8		Yes			
B13039.00-B13040.00	23_15	280	8		Yes			
B13090.00-B13091.00	23_15	337	8		Yes			
B13104.00-B13105.A0	23_15	295	8		Yes			

APPENDIX C

Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
B13038.00-B13043.00	23_15	172	8		Yes			
B13042.00-B13043.00	23_15	268	8		Yes			
B13054.00-B13055.00	23_16	246	6					Yes
B13053.00-B13054.00	23_16	289	6					Yes
B13132.C0-B13132.00	23_16	34	6					Yes
B13131.00-B13132.C0	23_16	102	6					Yes
B13130.00-B13131.00	23_16	144	6					Yes
B13129.00-B13130.00	23_16	150	6					Yes
B10009.00-B10015.00	23_16	249	10		Yes			
B10015.00-B10016.00	23_16	462	10		Yes			
B13056.E0-B13056.00	23_16	65	8		Yes			
B11116.00-B11117.00	23_17	250	6					Yes
B11119.00-B11120.00	23_17	288	8		Yes			
B11117.00-B11118.00	23_17	317	8		Yes			
B11113.00-B11117.00	23_17	372	8		Yes			
B11130.00-B11131.00	23_17	521	8		Yes			
B11133.00-B11134.00	23_17	186	10		Yes			
B11120.00-B11133.00	23_17	96	10		Yes			
B11134.00-B10008.00	23_17	176	10		Yes			
B10008.00-B10009.00	23_17	206	10		Yes			
V32T013.00-V32T012.00	24_01	388	36			Yes		
V32T014.00-V32T013.00	24_01	305	36			Yes		
V32T015.00-V32T014.00	24_01	318	36			Yes		
V32T016.00-V32T015.00	24_01	364	36			Yes		
V32T017.00-V32T016.00	24_01	340	36			Yes		
V32T012.00-V32T011.00	24_01	385	36					
V32T018.00-V32T017.00	24_02	481	36			Yes		
V32T019.00-V32T018.00	24_02	256	36			Yes		
V32T036.00-V32T035.00	24_04	553	36			Yes		
V32T038.00-V32T037.00	24_04	222	36			Yes		
V32T037.00-V32T036.00	24_04	433	36			Yes		
V32T039.00-V32T038.00	24_04	508	36			Yes		
V32T040.00-V32T039.00	24_05	614	36			Yes		
OV2032.D0-OV2032.E0	24_10	119	8			Yes		
V31001.00-V31002.00	24_10	150	8		Yes			
V31007.00-V31008.A0	24_11	330	8		Yes			
V31008.00-V31009.00	24_11	323	8		Yes			
V31103.00-V31104.00	24_11	255	8		Yes			
B14010.00-B14011.00	24_13	185	8		Yes			
B14013.00-B14014.00	24_13	193	8		Yes			
B14012.00-B14013.00	24_13	237	8		Yes			
B14008.00-B14013.00	24_13	214	8		Yes			
B14011.00-B14012.00	24_13	200	8		Yes			
B14090.00-B14091.00	24_14	122	6		Yes			Yes
B14091.00-B14092.00	24_14	199	6					Yes
B14051.00-B14052.00	24_14	220	8		Yes			
B14050.00-B14051.00	24_14	200	8		Yes			
B14049.00-B14050.00	24_14	254	8		Yes			
B14048.00-B14049.00	24_14	211	8		Yes			

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
B14047.00-B14048.00	24_14	225	8		Yes			
B14063.00-B14065.00	24_14	375	8		Yes			
B14094.00-B14095.00	24_14	369	8		Yes			
V26114.00-V26115.00	24_14	181	8		Yes			
V26115.00-V26116.00	24_14	295	8		Yes			
B14094.F0-B14094.00	24_14	163	8		Yes			
B13198.00-B13208.00	24_15	429	8		Yes			
B13173.00-B13174.00	24_15	320	8		Yes			
B13169.00-B13170.00	24_15	375	8		Yes			
B13162.00-B13163.00	24_15	163	8		Yes			
B13161.00-B13162.00	24_15	78	8		Yes			
B13179.A0-B13179.B0	24_15	82	8		Yes			
B13179.B0-B13179.C0	24_15	156	8		Yes			
B13179.C0-B13179.D0	24_15	205	8		Yes			
B13105.00-B13106.00	24_15	378	8		Yes			
B13208.00-B13211.00	24_15	415	8		Yes			
B13168.00-B13170.00	24_15	240	8		Yes			
B13112.00-B13113.00	24_15	140	8		Yes			
B13180.00-B13197.00	24_15	260	8		Yes			
B13174.00-B13208.00	24_15	431	8		Yes			
B13165.00-B13166.00	24_15	451	8		Yes			
B13163.00-B13164.00	24_15	228	8		Yes			
B13132.00-B13133.00	24_16	405	6					Yes
B10016.00-B10025.00	24_16	420	10		Yes			
B10025.00-B10026.00	24_16	364	12		Yes			
B13143.00-B13144.00	24_16	112	8		Yes			
B13135.00-B13136.00	24_16	220	8		Yes			
B10027.00-B10070.00	24_16	189	12	B4				
B10026.00-B10027.00	24_16	256	12	B4				
B10072.00-B10073.00	24_16	293	12	B4				
B10071.00-B10072.00	24_16	259	12	B4				
B10070.00-B10071.00	24_16	182	12	B4				
B10040.00-B10054.00	24_17	251	8		Yes			
B10038.00-B10039.00	24_17	289	8		Yes			
B10034.00-B10035.00	24_17	164	8		Yes			
B10017.00-B10019.00	24_17	224	8		Yes			
B11128.00-B11129.00	24_17	282	8		Yes			
OV1027.00-OV1028.00	25_11	286	8			Yes		
OV1025.00-OV1026.00	25_11	227	12			Yes		
B14025.00-B14026.00	25_14	61	8			Yes		
B14105.00-B14106.00	25_14	201	8		Yes			
B14106.00-B14107.00	25_14	128	8		Yes			
B13186.00-B13188.00	25_14	280	8		Yes			
B14031.00-B14032.00	25_14	104	8		Yes			
B14111.G0-B14111.H0	25_14	84	10		Yes			
B14111.I0-B14111.M0	25_14	125	10		Yes			
B14111.A0-B14111.B0	25_14	133	10		Yes			
B13189.00-B13190.00	25_15	171	6					Yes
B13206.00-B13207.00	25_15	344	8		Yes			

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
B13226.00-B13227.00	25_15	27	8		Yes			
B13225.00-B13226.00	25_15	130	8		Yes			
B13224.00-B13227.00	25_15	208	8		Yes			
B13223.00-B13224.00	25_15	130	8		Yes			
B13222.00-B13229.00	25_15	194	10	B3	Yes			
B13219.00-B13222.00	25_15	273	8		Yes			
B13216.00-B13217.00	25_15	299	8		Yes			
B13212.00-B13213.00	25_15	180	8		Yes			
B13187.00-B13188.00	25_15	217	8		Yes			
B13148.00-B13149.00	25_15	258	8		Yes			
B13207.00-B13208.00	25_15	142	8		Yes			
B10094.00-B08022.00	25_15	264	12	B4				
B13230.00-B13231.00	25_15	335	10	B3				
B13229.00-B13230.00	25_15	72	10	B3				
B13231.00-B08022.00	25_15	317	10	B3				
B13221.00-B13222.00	25_16	36	6		Yes			Yes
B09049.00-B09051.00	25_16	103	6					Yes
B09048.00-B09049.00	25_16	83	6					Yes
B13220.00-B13221.00	25_16	115	6					Yes
B13155.A0-B13155.00	25_16	213	6					Yes
B10080.00-B10081.00	25_16	409	8		Yes			
B10091.00-B10092.00	25_16	221	8		Yes			
B10090.00-B10091.00	25_16	325	8		Yes			
B10088.00-B10089.00	25_16	71	8		Yes			
B10087.00-B10088.00	25_16	191	8		Yes			
B10083.00-B10084.00	25_16	236	12	B4	Yes			
B10082.00-B10083.00	25_16	133	12	B4	Yes			
B10075.00-B10076.00	25_16	413	12	B4	Yes			
B13140.00-B13141.00	25_16	340	8		Yes			
B13141.00-B13142.00	25_16	107	8		Yes			
B13153.00-B13154.00	25_16	307	8		Yes			
B10085.00-B10089.00	25_16	268	12	B4				
B10084.00-B10085.00	25_16	290	12	B4				
B10089.00-B10092.00	25_16	342	12	B4				
B10081.00-B10082.00	25_16	53	12	B4				
B10093.00-B10094.00	25_16	349	12	B4				
B10092.00-B10093.00	25_16	310	12	B4				
B10076.00-B10081.00	25_16	273	12	B4				
B10074.00-B10075.00	25_16	321	12	B4				
B10073.00-B10074.00	25_16	293	12	B4				
B09013.00-B09015.00	25_17	243	8		Yes			
B15152.A0-B15152.00	26_12	52	6					Yes
B08055.00-B08056.00	26_14	350	8		Yes			
B14298.00-B14299.00	26_14	406	8		Yes			
B08060.00-B08061.00	26_14	350	8		Yes			
B14111.K0-B14111.L0	26_14	291	10		Yes			
B08025.A0-B08025.00	26_15	85	15			Yes		
B08041.00-B08042.00	26_15	280	8		Yes			
B08046.00-B08047.00	26_15	150	8		Yes			

APPENDIX C

Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
B08045.00-B08047.00	26_15	119	8		Yes			
B08042.00-B08043.00	26_15	200	8		Yes			
B08044.00-B08045.00	26_15	90	8		Yes			
B08057.00-B08058.00	26_15	220	8		Yes			
B08056.00-B08058.00	26_15	280	8		Yes			
B08061.00-B08062.00	26_15	350	8		Yes			
B09042.00-B09044.00	26_16	262	6		Yes			Yes
B09084.00-B09085.00	26_16	145	6					Yes
B09084.A0-B09084.00	26_16	50	6					Yes
B09086.00-B09087.00	26_16	155	6					Yes
B09044.00-B09045.00	26_16	276	8		Yes			
B09081.A0-B09081.00	26_16	224	8		Yes			
B08040.00-B08041.00	26_16	184	8		Yes			
B04062.00-B04063.00	26_16	195	8		Yes			
B09061.00-B09062.00	26_16	167	8		Yes			
B09060.00-B09061.00	26_16	300	8		Yes			
B09059.00-B09060.00	26_16	182	8		Yes			
B08036.00-B08038.00	26_16	196	8		Yes			
B09041.00-B09042.00	26_17	113	6		Yes			Yes
B04003.00-B04004.00	26_17	214	8		Yes			
B04002.00-B04003.00	26_17	207	8		Yes			
B04001.00-B04002.00	26_17	65	8		Yes			
B04005.00-B04006.00	26_17	169	8		Yes			
B04006.00-B04008.00	26_17	286	8		Yes			
B09008.00-B09009.00	26_17	130	8		Yes			
B09009.00-B09010.00	26_17	370	8		Yes			
B09023.00-B09025.00	26_17	216	8		Yes			
B09022.00-B09023.00	26_17	40	8		Yes			
B04007.00-B04008.00	26_17	270	8		Yes			
B09017.00-B09018.00	26_17	290	8		Yes			
V33026.00-V33027.00	27_11	232	6					Yes
V33074.A0-V33074.B0	27_11	208	6					Yes
V33079.A0-V33079.B0	27_11	196	6					Yes
V33049.00-V33051.A0	27_11	90	8			Yes		
B15240.00-B15241.00	27_12	104	10		Yes			
B15239.00-B15240.00	27_12	241	10		Yes			
B15238.00-B15239.00	27_12	296	10		Yes			
B15217.00-B15238.00	27_12	145	10		Yes			
B07022.00-B07023.00	27_14	175	8		Yes			
B07023.00-B07024.00	27_14	105	8		Yes			
B07062.00-B07063.00	27_14	305	8		Yes			
B07063.00-B07064.00	27_14	247	8		Yes			
B07064.00-B07065.00	27_14	80	8		Yes			
B07068.00-B07069.00	27_14	26	18		Yes			
B07067.00-B07069.00	27_14	23	18		Yes			
B14302.00-B07059.00	27_14	292	8	B5	Yes			
B08108.00-B07059.00	27_14	233	15	B2	Yes			
B14299.00-B14300.00	27_14	396	8		Yes			
B14300.00-B14301.00	27_14	397	8	B5				

APPENDIX C

Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
B14301.00-B14302.00	27_14	353	8	B5				
B07065.00-B07066.00	27_14	220	18	B5				
B07066.00-B07069.00	27_14	344	18	B5				
B07059.00-B07065.00	27_14	570	18	B5				
B08100.00-B08108.00	27_14	300	15	B2				
B08099.00-B08100.00	27_14	176	15	B2				
B08098.00-B08099.00	27_14	249	15	B2				
B08077.00-B08085.00	27_15	137	6					Yes
B08073.00-B08074.00	27_15	280	6					Yes
B08075.00-B08076.00	27_15	207	6					Yes
B08076.00-B08077.00	27_15	337	6					Yes
B08074.00-B08076.00	27_15	218	6					Yes
B08083.00-B08084.00	27_15	83	8			Yes		
B04099.00-B04100.00	27_15	361	8		Yes			
B08086.00-B08087.00	27_15	350	8		Yes			
B08085.00-B08086.00	27_15	283	8		Yes			
B08104.00-B08105.00	27_15	150	8		Yes			
B08088.00-B08089.00	27_15	51	8		Yes			
B08095.A0-B08095.00	27_15	122	8	B2				
B08093.00-B08094.00	27_15	120	15	B2				
B08094.00-B08095.00	27_15	120	15	B2				
B08095.00-B08096.00	27_15	225	15	B2				
B08096.00-B08097.00	27_15	258	15	B2				
B08092.00-B08093.00	27_15	369	15	B2				
B08091.00-B08092.00	27_15	100	15	B2				
B08072.00-B08091.00	27_15	403	15	B2				
B08071.00-B08072.00	27_15	231	15	B2				
B08097.00-B08098.00	27_15	113	15	B2				
B04078.00-B04079.00	27_16	360	6		Yes			Yes
B04077.00-B04078.00	27_16	100	6		Yes			Yes
B04076.00-B04078.00	27_16	225	6		Yes			Yes
B04082.00-B04083.00	27_16	195	6					Yes
B04061.00-B04065.00	27_16	300	6					Yes
B04080.00-B04081.00	27_16	132	6					Yes
B04041.00-B04042.00	27_16	233	8		Yes			
B04038.00-B04039.00	27_16	400	8		Yes			
B04046.00-B04058.00	27_16	148	8		Yes			
B04040.00-B04041.00	27_16	160	8		Yes			
B04090.00-B04091.00	27_16	421	8		Yes			
B04059.00-B04060.00	27_16	155	8		Yes			
B04037.00-B04038.00	27_16	373	8		Yes			
B04047.00-B04048.00	27_16	280	8		Yes			
B04055.00-B04056.00	27_16	242	10		Yes			
B04036.00-B04037.00	27_17	417	8		Yes			
B04033.00-B04036.00	27_17	150	8		Yes			
B04030.00-B04032.00	27_17	406	8		Yes			
B04035.00-B04036.00	27_17	235	8		Yes			
B04034.00-B04035.00	27_17	194	8		Yes			
V33089.00-V33090.00	28_10	48	6					Yes

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V33090.00-V33091.00	28_10	196	6					Yes
V33104.00-V33105.00	28_11	104	6					Yes
V33112.00-V33113.00	28_11	202	6					Yes
V33145.00-V33146.00	28_11	7	15		Yes			
B15328.C0-B15328.D0	28_12	30	8			Yes		
V33141.00-V33142.00	28_12	284	12			Yes		
BTP001.00-BTP002.00	28_13	558	16			Yes		
BTP002.00-BTP003.00	28_13	760	16			Yes		
BTP003.00-BTP004.00	28_13	32	16			Yes		
B01063.00-B01065.00	28_13	247	18	B1				
B01097.00-B01099.00	28_13	383	21	B1				
B01096.00-B01097.00	28_13	440	21	B1				
B01093.00-B01096.00	28_13	54	21	B1				
B01068.00-B01093.00	28_13	502	21	B1				
B01065.00-B01068.00	28_13	278	21	B1				
B07061.00-B07062.00	28_14	440	8		Yes			
B07053.00-B07054.00	28_14	256	8		Yes			
B07060.00-B07061.00	28_14	105	8		Yes			
B07073.00-B07074.00	28_14	296	18	B5				
B07070.00-B07071.00	28_14	226	18	B5				
B07069.00-B07070.00	28_14	255	18	B5				
B07071.00-B07072.00	28_14	213	18	B5				
B07072.00-B07073.00	28_14	378	18	B5				
B07074.00-B01061.00	28_14	252	18	B5				
B01060.00-B01061.00	28_14	112	12	B1				
B01058.00-B01060.00	28_14	479	12	B1				
B01061.00-B01062.00	28_14	404	18	B1				
B01062.00-B01063.00	28_14	499	18	B1				
B02047.00-B02048.00	28_15	255	8		Yes			
B02037.00-B02038.00	28_15	30	8		Yes			
B02089.00-B02088.00	28_15	86	8		Yes			
B04102.00-B04103.00	28_15	40	8		Yes			
B04103.00-B04104.00	28_15	230	8		Yes			
B04104.00-B04105.00	28_15	201	8		Yes			
B04101.00-B04103.00	28_15	336	8		Yes			
B02066.00-B02067.00	28_15	195	8		Yes			
B02067.00-B02068.00	28_15	23	8		Yes			
B02065.00-B02066.00	28_15	191	8		Yes			
B02048.00-B02049.00	28_15	94	8		Yes			
B02064.00-B02065.00	28_15	72	8		Yes			
B02063.00-B02064.00	28_15	163	8		Yes			
B02038.00-B02039.00	28_15	200	8		Yes			
B04096.00-B04097.00	28_16	310	6		Yes			Yes
B04054.J0-B04054.K0	28_16	40	6		Yes			Yes
B03107.00-B03108.00	28_16	150	6					Yes
B03109.00-B03110.00	28_16	198	6					Yes
B03111.00-B03112.00	28_16	212	6					Yes
B03179.00-B03180.00	28_16	280	6					Yes
B03177.00-B03178.00	28_16	60	8		Yes			

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
B04100.00-B04101.00	28_16	222	8		Yes			
B03167.00-B03168.00	28_16	334	8		Yes			
B03169.00-B03170.00	28_16	168	8		Yes			
B03114.00-B03172.00	28_16	271	8		Yes			
B04054.H0-B04054.IC	28_16	231	8		Yes			
B04053.00-B04054.00	28_16	225	8		Yes			
B04054.K0-B04054.L0	28_16	365	8		Yes			
B04054.L0-B04054.00	28_16	302	8		Yes			
B03168.00-B03169.00	28_16	186	8		Yes			
B04054.IB-B04054.IC	28_16	373	8		Yes			
B03166.C0-B03166.D0	28_17	37	8		Yes			
B03166.K0-B03166.L0	28_17	211	8		Yes			
B03140.00-B03166.C0	28_17	143	8		Yes			
B01128.B0-B01128.00	29_12	314	6					Yes
B01128.A0-B01128.B0	29_12	26	6					Yes
B01123.00-B01124.00	29_12	153	8			Yes		
EE	29_12	515	14			Yes		
EE	29_12	312	14			Yes		
EE	29_12	258	14			Yes		
BTP004.00-BTP005.00	29_12	1,473	16			Yes		
FM	29_12	311	16			Yes		
FM	29_12	231	16			Yes		
FM	29_12	289	16			Yes		
FM	29_12	236	16			Yes		
B01101.00-B01127.00	29_12	446	21	B1				
B01100.00-B01101.00	29_12	521	21	B1				
B01127.00-B01128.00	29_12	55	21	B1				
B01099.00-B01100.00	29_13	524	21	B1				
B01057.D0-B01057.E0	29_14	168	8		Yes			
B01057.E0-B01057.F0	29_14	93	8		Yes			
B03013.00-B03014.00	29_15	413	6					Yes
B02013.00-B02014.00	29_15	293	8		Yes			
B02012.00-B02013.00	29_15	360	8		Yes			
B02011.00-B02012.00	29_15	333	8		Yes			
B02045.00-B02046.00	29_15	246	8		Yes			
B02046.00-B02048.00	29_15	165	8		Yes			
B02007.00-B02008.00	29_15	330	8		Yes			
B03011.00-B03012.00	29_15	188	8		Yes			
B03026.00-B03027.00	29_15	283	8		Yes			
B03022.00-B03023.00	29_15	343	8		Yes			
B03130.00-B03131.00	29_16	333	8		Yes			
B03129.00-B03130.00	29_16	312	8		Yes			
B03128.00-B03129.00	29_16	277	8		Yes			
B03075.00-B03076.00	29_16	215	8		Yes			
B03072.00-B03075.00	29_16	171	8		Yes			
B03071.00-B03072.00	29_16	193	8		Yes			
B03047.00-B03048.00	29_16	229	8		Yes			
B03066.00-B03067.00	29_16	128	8		Yes			
B03051.00-B03053.00	29_16	271	8		Yes			

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
B03021.00-B03022.00	29_16	74	8		Yes			
B03067.00-B03068.00	29_16	349	8		Yes			
B03063.00-B03066.00	29_16	312	8		Yes			
B03062.00-B03063.00	29_16	340	8		Yes			
B03049.00-B03062.00	29_16	267	8		Yes			
B03048.00-B03049.00	29_16	428	8		Yes			
B03018.00-B03019.00	29_16	330	8		Yes			
B03028.00-B03067.00	29_16	350	8		Yes			
B03020.00-B03021.00	29_16	240	8		Yes			
B03152.00-B03153.00	29_17	155	8		Yes			
B03153.00-B03155.00	29_17	366	8		Yes			
V34015.B0-V34015.C0	30_12	5	4					Yes
V34015.A0-V34015.C0	30_12	5	4					Yes
V34015.C0-V34015.D0	30_12	134	6					Yes
EE	30_12	1,401	14			Yes		
EE	30_12	1,755	14			Yes		
FM	30_12	1,422	16			Yes		
B01038.A0-B01038.00	30_13	27	6					Yes
V35086.00-V35087.00	30_13	65	6					Yes
V35085.00-V35086.00	30_13	92	6					Yes
V35084.00-V35085.00	30_13	173	6					Yes
B01009.00-B01010.00	30_14	150	6					Yes
B01008.00-B01009.00	30_14	149	6					Yes
B01040.00-B01041.00	30_14	45	8			Yes		
V35004.00-V35005.00	30_15	2	6					Yes
B03004.00-B03010.00	30_15	62	8		Yes			
B03017.00-B03018.00	30_16	275	8		Yes			
EE	31_11	341	14			Yes		
B0A	31_11	5	14			Yes		
B0A	31_11	2	14			Yes		
EE	31_12	196	14			Yes		
EE	31_12	1,973	14			Yes		
V34071.00-V34073.00	31_12	146	8		Yes			
V35135.00-V35136.00	31_13	58	6					Yes
V35134.00-V35135.00	31_13	253	6					Yes
V35133.00-V35134.00	31_13	267	6					Yes
V35132.00-V35135.00	31_13	282	6					Yes
V35131.00-V35132.00	31_13	314	6					Yes
V35130.00-V35131.00	31_13	297	6					Yes
V35094.00-V35095.00	31_13	175	6					Yes
V35093.00-V35094.00	31_13	260	6					Yes
V35095.00-V35096.00	31_13	73	6					Yes
V35106.00-V35107.00	31_13	130	8			Yes		
V35105.00-V35106.00	31_13	140	8			Yes		
V35104.00-V35105.00	31_13	83	8			Yes		
V35069.00-V35100.00	31_13	273	10			Yes		
V35059.00-V35060.00	31_14	276	8			Yes		
V35060.00-V35061.00	31_14	185	8			Yes		
FM	32_11	35	4					Yes

APPENDIX C Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
FM	32_11	1	4					Yes
FM	32_11	947	8			Yes		
FM	32_11	8	8			Yes		
V34107.00-V34108.00	32_11	316	12	R1				
V34106.00-V34107.00	32_11	425	12	R1				
V34105.00-V34106.00	32_11	346	12	R1				
V35224.00-V35225.00	32_12	68	8			Yes		
V34108.00-V34109.00	32_12	341	12	R1				
V34109.00-V34110.00	32_12	2	12	R1				
V35188.00-V35189.00	32_13	322	6					Yes
V35185.00-V35186.00	32_13	18	6					Yes
V35124.00-V35125.00	32_13	111	8			Yes		
V35123.00-V35124.00	32_13	40	8			Yes		
V35122.00-V35123.00	32_13	156	8			Yes		
V35169.00-V35170.00	32_14	15	6					Yes
V35164.00-V35165.00	32_14	27	6					Yes
V35163.00-V35165.00	32_14	28	6					Yes
V35159.00-V35160.00	32_14	25	6					Yes
V35157.00-V35158.00	32_14	55	6					Yes
V35156.00-V35158.00	32_14	76	6					Yes
V36T053.00-V36T052.00	34_09	436	18		Yes			
V36T054.00-V36T053.00	34_09	431	18		Yes			
V36T017.00-V36T016.00	35_04	491	21	OV2	Yes			
V36T011.00-V36T010.00	35_04	300	24		Yes			
V36T010.00-V36T009.00	35_04	268	24		Yes			
V36T016.00-V36T015.00	35_04	163	21	OV2				
V36T015.00-V36T014.00	35_04	247	21	OV2				
V36T014.00-V36T013.00	35_04	246	21	OV2				
V36T013.00-V36T012.00	35_04	261	21	OV2				
V36T012.00-V36T011.00	35_04	261	24	OV2				
V36T023.00-V36T022.A0	35_05	370	18	OV2	Yes			
V36T019.00-V36T018.00	35_05	398	21	OV2	Yes			
V36T022.A0-V36T022.00	35_05	128	18	OV2				
V36T024.00-V36T023.00	35_05	588	21	OV2				
V36T022.00-V36T021.00	35_05	450	21	OV2				
V36T021.00-V36T020.00	35_05	480	21	OV2				
V36T020.00-V36T019.00	35_05	304	21	OV2				
V36T018.00-V36T017.00	35_05	400	21	OV2				
V36T030.00-V36T029.00	35_06	629	18	OV2	Yes			
V36T029.00-V36T028.00	35_06	527	18	OV2	Yes			
V36T028.00-V36T027.00	35_06	718	18	OV2				
V36T027.00-V36T026.00	35_06	139	18	OV2				
V36T026.00-V36T025.00	35_06	255	18	OV2				
V36T025.00-V36T024.00	35_06	587	18	OV2				
V36T034.00-V36T033.A0	35_07	150	18	OV2	Yes			
V36T031.00-V36T030.00	35_07	292	18	OV2				
V36T032.00-V36T031.00	35_07	319	18	OV2				
V36T044.00-V36T043.A0	35_08	288	18		Yes			
V36T001.00-V36T001.B0	36_03	263	30		Yes			

APPENDIX C
Proposed Project Components

Pipe Description	Atlas Page	Length (ft)	Diameter (Inch)	Capacity Related	Condition Related	Material Related	Age Related	Minimum Size related
V36T002.00-V36T001.00	36_03	549	30		Yes			
V36T033.A0-V36T033.00	36_07	247	18	OV2	Yes			
V36T037.A0-V36T037.00	36_07	262	18		Yes			
V36T037.00-V36T036.00	36_07	372	18		Yes			
V36T033.00-V36T032.00	36_07	194	18	OV2				
V36T042.00-V36T041.00	36_08	440	18		Yes			
V36T041.00-V36T040.00	36_08	408	18		Yes			