

NODE DATA (Q ₅₀ FOR SURCHARGING)															
I.D. NO.: 15-17 I77 DB				STATE SC				CREATED: 3/23/2016				DESIGNED BY: CAA			
PROJ. NO.: P027002				COUNTY: RICHLAND				REVISED: 11/28/2016				REVISED BY: CAA			
DESC: I-77 NB & SB Widening & Rehabilitation								APPROVED:				APPROVED BY:			
Node ID	Description	Type	Library Item Name	Reference Chain	Station	Offset (ft)	Elevation (ft)	Depth (ft)	Junction Loss	Tc Used (min)	Cumulative Tc (min)	Cumulative Discharge (cfs)	Cumulative Area (ac)	Cumulative C Value	Cumulative Intensity (in/hr)
NETWORK OP-2199															
OP-2199	RETAIN	Outlet	OP	I77	1459+59	-161.9	298.00	0.00	0.00	0.0	30.4	0.00	9.78	0.53	0.00
EX-2101	RETAIN	Other	EXISTING D.I.	I77	1459+06	-0.4	309.92	9.90	0.05	30.2	30.2	32.03	9.78	0.53	5.17
EX-2198	RETAIN	Other	DUMMY JOINT	I77	1458+62	129.1	304.21	0.00	0.00	30.0	30.0	20.22	7.01	0.46	5.19
NETWORK OP-2104															
OP-2104	DUMMY	Outlet	OP	I77	1468+72	-139.7	270.95	0.00	0.07	0.0	5.2	0.00	2.55	0.71	0.00
DI-2103	NEW	Other	D.I. TYPE 112	I77	1469+09	2.0	289.00	17.70	0.00	5.0	5.0	19.53	2.55	0.71	9.03
NETWORK OP-2195															
OP-2195	** REPLACE	Outlet	OP	I77	1471+56	-150.5	268.29	0.00	0.00	0.0	5.1	0.00	1.59	0.70	0.00
DN-2194	NEW	Other	DUMMY JOINT	I77	1471+60	-135.0	269.74	0.00	0.00	5.0	5.1	12.02	1.59	0.70	9.03
EX-2102	* RETAIN	Other	EXISTING D.I.	I77	1471+97	0.2	287.64	5.20	0.00	5.0	5.0	12.02	1.59	0.70	9.03
NETWORK OP-2299															
OP-2299	RETAIN	Outlet	OP	I77	1474+67	-114.0	283.97	0.00	0.00	0.0	13.6	0.00	4.26	0.63	0.00
EX-2201	* RETAIN	Other	EXISTING D.I.	I77	1475+71	0.4	290.51	4.54	0.09	13.3	13.3	23.40	4.26	0.63	7.24
EX-2202	RETAIN	Other	EXISTING D.I.	I77	1476+74	114.8	291.55	3.41	0.00	13.0	13.0	9.01	1.91	0.54	7.30
NETWORK OP-2298															
OP-2298	RETAIN	Outlet	OP	I77	1484+02	-112.0	300.78	0.00	0.00	0.0	20.5	0.00	18.23	0.57	0.00
EX-2203	* RETAIN	Other	EXISTING D.I.	I77	1485+03	0.1	305.89	4.23	0.03	20.2	20.2	78.01	18.23	0.57	6.22
EX-2204	* RETAIN	Other	EXISTING D.I.	I77	1486+01	111.0	307.34	4.33	0.00	20.0	20.0	45.86	11.68	0.52	6.25
NETWORK OP-2236															
OP-2236	NEW	Outlet	OP	I77	1494+43	-123.0	319.00	0.00	0.00	0.0	0.7	0.00	0.00	0.00	0.00
MH-2235	NEW	Junction	M.H.	I77	1495+00	-114.0	326.50	7.20	0.56	0.0	0.6	28.00	0.00	0.00	0.00
DI-2233	NEW SPLIT Q WITH DI-2234	Other	D.I. TYPE 112	I77	1495+00	-1.5	324.30	4.30	0.62	0.0	0.3	28.00	0.00	0.00	0.00
DI-2234	NEW SPLIT Q WITH DI-2233	Other	D.I. TYPE 112	I77	1497+00	-1.5	327.80	4.00	0.00	0.0	0.0	14.00	0.00	0.00	0.00
NETWORK OP-2398															
OP-2398	** LOCATE & INSPECT	Outlet	OP	I77	1499+70	-174.7	333.00	0.00	0.00	0.0	5.4	0.00	0.62	0.60	0.00
EX-2301	*** CLEANOUT & RETAIN	Other	EXISTING D.I.	I77	1499+98	-92.3	335.92	2.60	0.00	5.0	5.0	4.02	0.62	0.60	9.03
NETWORK OP-2399															
OP-2399	NEW	Outlet	OP	I77	1500+32	150.4	332.66	-0.02	0.00	0.0	14.9	0.00	3.72	0.46	0.00
DN-2307	NEW	Other	DUMMY JOINT	I77	1500+38	145.0	332.77	0.00	0.00	14.7	14.9	14.46	3.72	0.46	7.01
EX-2302	* RETAIN	Other	EXISTING D.I.	I77	1500+96	91.7	337.63	4.12	0.33	14.7	14.7	14.46	3.72	0.46	7.01
EX-2304	RETAIN	Other	EXISTING D.I.	I77	1503+94	113.0	338.86	3.02	0.00	14.0	14.0	12.10	3.19	0.44	7.12
NETWORK OP-2397															
OP-2397	RETAIN	Outlet	OP	I77	1503+20	-238.8	333.22	0.00	0.00	0.0	12.2	0.00	3.06	0.41	0.00
DN-2333	NEW	Other	DUMMY JOINT	I77	1503+25	-232.0	333.34	0.00	0.02	12.0	12.2	11.11	3.06	0.41	7.47
EX-2303	* RETAIN	Other	EXISTING D.I.	I77	1503+99	-113.7	339.85	4.35	0.00	12.0	12.0	11.11	3.06	0.41	7.47

** = PER ASBUILTS