

NODE DATA (Q <sub>50</sub> 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:							
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)
<b>NETWORK OP-0611</b>															
OP-0611	RETAIN	Outlet	OP	I77	1215+79	549.0	293.64	0.00	0.00	0.0	6.2	0.00	3.57	0.45	0.00
EX-0604	RETAIN	Other	EXISTING D.I.	I77	1216+31	199.9	305.62	4.25	0.56	5.6	5.6	16.89	3.57	0.45	8.86
EX-0602	RETAIN	Junction	EXISTING M.H.	I77	1216+81	1.6	307.44	4.36	0.29	5.0	5.1	6.13	0.84	0.68	9.03
EX-0603	RETAIN	Other	EXISTING D.I.	I77	1215+61	202.4	312.20	2.87	0.00	5.0	5.0	9.92	2.43	0.38	9.03
EX-0601	* RETAIN	Other	EXISTING D.I.	I77	1215+81	7.3	335.84	2.49	0.00	5.0	5.0	6.13	0.84	0.68	9.03
<b>NETWORK OP-0643</b>															
OP-0643		Outlet	OP	I77	1224+37	120.8	283.00	0.06	0.00	0.0	5.2	0.00	1.45	0.77	0.00
JB-0642		Junction	JUNCT BOX	I77	1224+31	106.5	292.00	9.00	0.18	5.0	5.2	12.06	1.45	0.77	9.03
JB-0641		Junction	JUNCT BOX	I77	1224+10	85.0	301.00	10.00	0.35	5.0	5.2	12.06	1.45	0.77	9.03
JB-0640		Junction	JUNCT BOX	I77	1224+13	28.3	301.00	5.80	0.56	5.0	5.0	12.06	1.45	0.77	9.03
EX-0605	RETAIN	Other	EXISTING D.I.	I77	1223+45	8.0	322.16	4.55	0.00	5.0	5.0	12.06	1.45	0.77	9.03
<b>NETWORK OP-0683</b>															
OP-0683	RETAIN	Outlet	OP	I77	1224+45	115.4	282.35	3.35	0.00	0.0	6.0	0.00	2.44	0.66	0.00
EX-0608	RETAIN JB	Junction	EXISTING M.H.	I77	1224+49	36.6	287.65	6.60	1.26	5.9	5.9	16.87	2.44	0.66	8.80
EX-0606	RETAIN	Other	EXISTING D.I.	I77	1224+33	-138.4	290.73	4.30	0.29	5.6	5.6	5.16	0.99	0.49	8.88
EX-0607	RETAIN	Other	EXISTING D.I.	I77	1225+13	-139.9	294.35	7.82	0.00	5.0	5.0	1.72	0.35	0.46	9.03
<b>NETWORK OP-0680</b>															
OP-0680	RETAIN	Outlet	OP	I77	1230+33	164.6	292.02	0.00	0.00	0.0	5.3	0.00	1.41	0.68	0.00
EX-0610	RETAIN	Other	EXISTING D.I.	I77	1230+02	101.5	299.47	5.75	0.03	5.2	5.2	10.24	1.41	0.68	8.98
DN-0632	NEW	Other	DUMMY JOINT	I77	1229+94	87.6	294.07	0.00	0.00	5.0	5.2	9.48	1.23	0.71	9.03
DN-0631	NEW	Other	DUMMY JOINT	I77	1229+66	38.9	295.30	0.00	0.00	5.0	5.1	9.48	1.23	0.71	9.03
DI-0629	NEW	Other	D.I. TYPE 112	I77	1229+44	1.0	300.00	3.83	0.00	5.0	5.0	9.48	1.23	0.71	9.03
<b>SEGMENT 3 1236+00 TO 1328+00</b>															
<b>NETWORK OP-0799</b>															
OP-0799	* REPLACE WITH BES	Outlet	OP	I77	1236+12	197.0	241.36	0.09	0.00	0.0	5.2	0.00	1.89	0.71	0.00
DN-0741	NEW	Other	DUMMY JOINT	I77	1236+12	189.0	242.64	0.00	0.00	5.1	5.2	14.45	1.89	0.71	9.00
DI-0721	REPLACE EX-0701	Other	D.I. TYPE 112	I77	1235+99	7.1	277.55	3.73	0.82	5.1	5.1	14.45	1.89	0.71	9.00
DI-0731	NEW	Other	D.I. TYPE 112	I77	1235+39	10.0	279.25	3.75	0.00	5.0	5.0	11.84	1.55	0.71	9.03
<b>NETWORK OP-0724</b>															
OP-0724	NEW	Outlet	OP	I77	1246+25	120.0	231.00	0.00	0.00	0.0	5.2	0.00	2.39	0.71	0.00
CB-0723	* NEW	Other	C.B. TYPE 9	I77	1246+25	80.8	245.75	13.00	0.02	5.2	5.2	18.35	2.39	0.71	8.99
DI-0722	* NEW	Other	D.I. TYPE 112	I77	1246+25	-2.0	244.50	3.50	0.00	5.0	5.0	15.83	2.13	0.69	9.03
<b>NETWORK OP-0798</b>															
OP-0798	PLUG & FILL	Outlet	OP	I77	1246+61	155.5	224.27	0.00	0.00	0.0	10.4	0.00	0.00	0.00	0.00
EX-0702	REMOVE	Other	EXISTING D.I.	I77	1246+62	-6.0	244.76	4.71	0.00	0.0	0.0	0.00	0.00	0.00	0.00
<b>NETWORK OP-0899</b>															
OP-0899	RETAIN	Outlet	OP	I77	1253+33	116.3	225.40	0.00	0.00	0.0	5.2	0.00	1.10	0.78	0.00
EX-0801	* RETAIN	Other	EXISTING D.I.	I77	1252+01	-6.4	240.19	4.00	0.00	5.0	5.0	9.20	1.10	0.78	9.03

\*\* = PER ASBUILTS