edge	Capacity	Length (meter)	Free flow time (min)	Energy consumption(kWh)
L1	15	3.69	2.5	3.321
L2	15	3.69	2.5	3.321
L3	15	4.13	2.5	3.717
L4	15	4.13	2.5	3.717
L5	15	7.52	2.5	6.768
L6	15	7.52	2.5	6.768
L7	15	3.95	2.5	3.555
L8	15	3.95	2.5	3.555
L9	15	3.76	2.5	3.384
L10	15	3.76	2.5	3.384
L11	15	3.55	2.5	3.195
L12	15	3.55	2.5	3.195
L13	15	4.56	2.5	4.104
L14	15	4.56	2.5	4.104
L15	15	4.26	2.5	3.834
L16	15	4.26	2.5	3.834
L17	15	3.93	2.5	3.537
L18	15	3.93	2.5	3.537
L19	15	6.19	2.5	5.571
L20	15	6.19	2.5	5.571
L21	15	5.98	2.5	5.382
L22	15	5.98	2.5	5.382
L23	15	5.77	2.5	5.193
L24	15	5.77	2.5	5.193
L25	15	5.63	2.5	5.067
L26	15	5.63	2.5	5.067
L27	15	5.79	2.5	5.211
L28	15	5.79	2.5	5.211
L29	15	6	2.5	5.4
L30	15	6	2.5	5.4
L31	15	3.93	2.5	3.537
L32	15	3.93	2.5	3.537
L33	15	5.24	2.5	4.716
L34	15	5.24	2.5	4.716
L35	15	4.76	2.5	4.284
L36	15	4.76	2.5	4.284
L37	15	4.75	2.5	4.275
L38	15	4.75	2.5	4.275
L39	15	4.75	2.5	4.275
L40	15	4.75	2.5	4.275
L41	15	4.7	2.5	4.23

L42	15	4.7	2.5	4.23
L43	15	7.12	2.5	6.408
L44	15	7.12	2.5	6.408
L45	15	4.3	2.5	3.87
L46	15	4.3	2.5	3.87
L47	15	3.84	2.5	3.456
L48	15	3.84	2.5	3.456