

## Corrected Appendix D - Calibration and Validation

### AM Peak

Site Id	Location	ANODE	BNODE	Direction	Observed	Modelled	Difference	% Difference	GEH	GEH<5	Flow
IC1 SB	A229 Royal Engineers Rd	2876	2918	SB	2037	2057	20	1	0	Pass	Pass
IC2 SB	A20 London Road	6760	2485	SB	695	669	-26	-4	1	Pass	Pass
IC3 EB	A26 Tonbridge Road	1849	1975	EB	742	632	-110	-15	4	Pass	Pass
IC4 EB	B2010 College Road	2954	3220	EB	326	290	-36	-11	2	Pass	Pass
IC5 NB	A229 Hayle Road	3273	3263	NB	985	906	-79	-8	3	Pass	Pass
IC7 WB	A20 Ashford Road	4549	6782	WB	1233	1093	-140	-11	4	Pass	Pass
IC8 SB	A248 Sittingbourne Road	4149	4101	SB	917	942	25	3	1	Pass	Pass
IC9 SB	Wheeler Street	3593	3548	SB	249	219	-30	-12	2	Pass	Pass
IC10 SB	Boxley Road	3526	3506	SB	688	669	-19	-3	1	Pass	Pass
<b>TOTAL</b>					<b>7872</b>	<b>7477</b>	<b>-395</b>	<b>-5</b>			

### AM Peak Inner Cordon – Inbound

Site Id	Location	ANODE	BNODE	Direction	Observed	Modelled	Difference	% Difference	GEH	GEH<5	Flow
IC1 NB	A229 Royal Engineers Rd	6775	2852	NB	1262	1247	-15	-1	0	Pass	Pass
IC2 NB	A20 London Road	2485	6760	NB	539	483	-56	-10	2	Pass	Pass
IC3 WB	A26 Tonbridge Road	1975	1849	WB	660	652	-8	-1	0	Pass	Pass
IC4 WB	B2010 College Road	3220	2954	WB	93	60	-33	-35	4	Pass	Pass
IC6 SB	A229 Upper Stone Street	3560	6789	SB	1235	1237	2	0	0	Pass	Pass
IC7 EB	A20 Ashford Road	6782	4549	EB	369	384	15	4	1	Pass	Pass
IC8 NB	A248 Sittingbourne Road	4101	4149	NB	603	510	-93	-15	4	Pass	Pass
IC9 NB	Wheeler Street	3548	3593	NB	100	134	34	34	3	Pass	Pass
IC10 NB	Boxley Road	3506	3526	NB	251	336	85	34	5	Pass	Pass
<b>TOTAL</b>					<b>5112</b>	<b>5043</b>	<b>-69</b>	<b>-1</b>			

### AM Peak Inner Cordon – Outbound

Site	Location	ANODE	BNODE	Direction	Observed	Modelled	Difference	% Difference	GEH	GEH<5	Flow
OC1 SB	A229 Royal Engineers Rd	2788	6779	SB	1982	2183	201	10	4	Pass	Pass
OC2 SB	Boxley Road	4375	4176	SB	676	669	-7	-1	0	Pass	Pass
OC3 SB	A249 Newham Farm Road	4842	4751	SB	2066	2091	25	1	1	Pass	Pass
OC4 WB	A20 Ashford Road	6465	6445	WB	696	729	33	5	1	Pass	Pass
OC5 WB	A274 Sutton Road	6142	5786	WB	705	706	1	0	0	Pass	Pass
OC6 NB	A229 Linton Road	2849	2934	NB	474	382	-92	-19	4	Pass	Pass
OC7 EB	B2010 Farleigh Hill	2273	2439	EB	482	468	-14	-3	1	Pass	Pass
OC8 EB	A26 Tonbridge Road	372	512	EB	722	654	-68	-9	3	Pass	Pass
OC9 EB	A20 London Road	1139	1236	EB	885	875	-10	-1	0	Pass	Pass
<b>TOTAL</b>					<b>8688</b>	<b>8757</b>	<b>69</b>	<b>1</b>			

### AM Peak Outer Cordon – Inbound

Site	Location	ANODE	BNODE	Direction	Observed	Modelled	Difference	% Difference	GEH	GEH<5	Flows
OC1 NB	A229 Royal Engineers Rd	6778	2773	NB	1223	1313	90	7	3	Pass	Pass
OC2 NB	Boxley Road	4176	4375	NB	311	323	12	4	1	Pass	Pass
OC3 NB	A249 Newham Farm Road	4664	4763	NB	1503	1497	-6	0	0	Pass	Pass
OC7 WB	B2010 Farleigh Hill	2439	2273	WB	463	505	52	11	2	Pass	Pass
OC8 WB	A26 Tonbridge Road	512	372	WB	611	572	-39	-6	2	Pass	Pass
OC9 WB	A20 London Road	1236	1139	WB	1098	1097	-1	0	0	Pass	Pass
OC4 EB	A20 Ashford Road	6445	6465	EB	622	597	-25	-4	1	Pass	Pass
OC6 EB	A274 Sutton Road	5786	6142	EB	444	441	-3	-1	0	Pass	Pass
OC6 SB	A229 Linton Road	2934	2849	SB	680	651	-29	-4	1	Pass	Pass
<b>TOTAL</b>					<b>6945</b>	<b>6996</b>	<b>51</b>	<b>1</b>			

**AM Peak Outer Cordon – Outbound**

**PM Peak**

Site Id	Location	ANODE	BNODE	Direction	Observed	Modelled	Difference	% Difference	GEH	GEH<5	Flows
IC1 SB	A229 Royal Engineers Rd	2876	2918	SB	1333	1293	-40	-3	1	Pass	Pass
IC2 SB	A20 London Road	6760	2485	SB	555	587	32	6	1	Pass	Pass
IC3 EB	A26 Tonbridge Road	1849	1975	EB	610	575	-35	-6	1	Pass	Pass
IC4 EB	B2010 College Road	2954	3220	EB	290	280	-10	-3	1	Pass	Pass
IC5 NB	A229 Hayle Road	3347	3279	NB	1069	1012	-57	-5	2	Pass	Pass
IC7 WB	A20 Ashford Road	4549	6782	WB	588	537	-51	-9	2	Pass	Pass
IC8 SB	A248 Sittingbourne Road	4149	4101	SB	695	678	-17	-2	1	Pass	Pass
IC9 SB	Wheeler Street	3593	3548	SB	133	123	-10	-8	1	Pass	Pass
IC10 SB	Boxley Road	3526	3506	SB	316	361	45	14	2	Pass	Pass
<b>TOTAL</b>					<b>6689</b>	<b>5446</b>	<b>-143</b>	<b>-3</b>			

**PM Peak Inner Cordon – Inbound**

Site Id	Location	ANODE	BNODE	Direction	Observed	Modelled	Difference	% Difference	GEH	GEH<5	Flows
IC1 NB	A229 Royal Engineers Rd	6775	2852	NB	1916	1865	-51	-3	1	Pass	Pass
IC2 NB	A20 London Road	2485	6760	NB	613	538	-75	-12	3	Pass	Pass
IC3 WB	A26 Tonbridge Road	1975	1849	WB	744	745	1	0	0	Pass	Pass
IC4 WB	B2010 College Road	3220	2954	WB	147	164	17	5	1	Pass	Pass
IC6 SB	A229 Upper Stone Street	3560	6789	SB	1747	1750	3	0	0	Pass	Pass
IC7 EB	A20 Ashford Road	6782	4549	EB	896	870	-28	-3	1	Pass	Pass
IC8 NB	A248 Sittingbourne Road	4101	4149	NB	855	816	-39	-5	1	Pass	Pass
IC9 NB	Wheeler Street	3548	3593	NB	229	294	65	28	4	Pass	Pass
IC10 NB	Boxley Road	3506	3526	NB	503	578	75	15	3	Pass	Pass
<b>TOTAL</b>					<b>7650</b>	<b>7610</b>	<b>-40</b>	<b>-1</b>			

**PM Peak Inner Cordon – Outbound**

Site	Location	ANODE	BNODE	Direction	Observed	Modelled	Difference	% Difference	GEH	GEH<5	Flows
OC1 SB	A229 Royal Engineers Rd	2788	6779	SB	1464	1446	-18	-1	0	Pass	Pass
OC2 SB	Boxley Road	4375	4176	SB	337	408	71	21	4	Pass	Pass
OC3 SB	A249 Newham Farm Road	4842	4751	SB	1688	1606	-82	-5	2	Pass	Pass
OC4 WB	A20 Ashford Road	6466	6445	WB	626	604	-22	-4	1	Pass	Pass
OC5 WB	A274 Sutton Road	6142	5786	WB	467	426	-41	-9	2	Pass	Pass
OC6 NB	A229 Linton Road	2849	2934	NB	647	550	-97	-15	4	Pass	Pass
OC7 EB	B2010 Farleigh Hill	2273	2439	EB	497	560	63	13	3	Pass	Pass
OC8 EB	A26 Tonbridge Road	372	512	EB	787	807	20	3	1	Pass	Pass
OC9 EB	A20 London Road	1139	1236	EB	1301	1349	48	4	1	Pass	Pass
	<b>TOTAL</b>				<b>7814</b>	<b>7756</b>	<b>-58</b>	<b>-1</b>			

**PM Peak Outer Cordon – Inbound**

Site	Location	ANODE	BNODE	Direction	Observed	Modelled	Difference	% Difference	GEH	GEH<5	Flows
OC1 NB	A229 Royal Engineers Rd	6778	2773	NB	1929	1905	-24	-1	1	Pass	Pass
OC2 NB	Boxley Road	4176	4375	NB	865	757	-108	-12	4	Pass	Pass
OC3 NB	A249 Newham Farm Road	4664	4763	NB	2462	2639	177	7	4	Pass	Pass
OC7 WB	B2010 Farleigh Hill	2439	2273	WB	403	354	-49	-12	3	Pass	Pass
OC8 WB	A26 Tonbridge Road	512	372	WB	571	547	-24	-4	1	Pass	Pass
OC9 WB	A20 London Road	1236	1139	WB	1017	929	-88	-9	3	Pass	Pass
OC4 EB	A20 Ashford Road	6445	6465	EB	637	620	-17	-3	1	Pass	Pass
OC5 EB	A274 Sutton Road	5786	6142	EB	642	676	34	5	1	Pass	Pass
OC6 SB	A229 Linton Road	2934	2849	SB	610	617	7	1	0	Pass	Pass
	<b>TOTAL</b>				<b>9136</b>	<b>9044</b>	<b>-92</b>	<b>-1</b>			

**PM Peak Outer Cordon – Outbound**

## Corrected Appendix E - Motorway Link Validation

### AM Peak

Eastbound								GEN	Criteria	
Location	Direction	ANODE	BNODE	Observed	Model Flow	Difference	% Difference		GEN<5	Flow
M20 J4 -5 Main Carriageway EB	EB	5	746	4744	5012	268	6	4	Pass	Pass
M20 J5 - 6 Main Carriageway EB*	EB	-	-	-	-	-	-	NA	NA	NA
M20 J6- J7 Main Carriageway EB	EB	2963	4364	4363	4635	272	6	4	Pass	Pass
M20 J7 - 8 Main Carriageway EB	EB	5250	6601	3013	3026	13	0	0	Pass	Pass
M20 J5 EB OffSlip	EB	746	947	887	882	-5	-1	0	Pass	Pass
M20 J5 EB OnSlip	EB	1019	1228	1024	1119	95	9	3	Pass	Pass
M20 J6 EB OffSlip	EB	2223	2427	1654	1740	186	12	5	Pass	Pass
M20 J6 EB OnSlip	EB	2527	6797	1075	1126	51	5	2	Pass	Pass
M20 J7 EB OffSlip	EB	4364	4638	1916	1943	27	1	1	Pass	Pass
M20 J7 EB OnSlip	EB	4835	5250	419	334	-85	-20	4	Pass	Pass
M20 J8 EB OffSlip	EB	6601	6646	948	1016	68	7	2	Pass	Pass
M20 J8 EB OnSlip	EB	6660	6687	340	331	-9	-3	0	Pass	Pass
<b>Total</b>				<b>20282</b>	<b>21164</b>	<b>882</b>	<b>4</b>			

\* M20 J5 -6 and M20 J6 -5 Main Carriageway figures include Parallel Slips - Main Carriageway is not included for the calculation.

### Flow Validation AM Peak Eastbound

Westbound								GEN	Criteria	
Location	Direction	ANODE	BNODE	Observed	Model Flow	Difference	% Difference		GEN<5	Flow
M20 J5-4 Main Carriageway WB	WB	4	14088	5415	5355	-60	-1	1	Pass	Pass
M20 J6 - 5 Main Carriageway WB*	WB	-	-	-	-	-	-	NA	NA	NA
M20 J7-J6 Main Carriageway WB	WB	4383	3040	6574	5239	-335	-6	5	Pass	Pass
M20 J8 - 7 Main Carriageway WB	WB	6599	5185	4118	4132	14	0	0	Pass	Pass
M20 J5 WB OnSlip	WB	952	741	659	638	-21	-3	1	Pass	Pass
M20 J5 WB OffSlip	WB	1459	1017	1281	1287	6	0	0	Pass	Pass
M20 J6 WB OffSlip	WB	2565	2472	1249	1123	-126	-10	4	Pass	Pass
M20 J6 WB OnSlip	WB	2453	2211	1863	1887	24	1	1	Pass	Pass
M20 J7 WB OnSlip	WB	4678	4383	1924	1799	-125	-6	3	Pass	Pass
M20 J7 WB OffSlip	WB	5185	4856	740	691	-49	-7	2	Pass	Pass
M20 J8 WB OnSlip	WB	6626	6599	1539	1475	-64	-4	2	Pass	Pass
M20 J8 WB OffSlip	WB	6685	6648	337	339	2	1	0	Pass	Pass
<b>Total</b>				<b>24698</b>	<b>23965</b>	<b>-733</b>	<b>-3</b>			

\* M20 J5 -6 and M20 J6 -5 Main Carriageway figures include Parallel Slips - Main Carriageway is not included for the calculation.

### Flow Validation AM Peak Westbound

### PM Peak

Location	Eastbound							GEH	Criteria	
	Direction	ANODE	BNODE	Observed	Model Flow	Difference	% Difference		GEH<6	Flows
M20 J4 - 5 Main Carriageway EB	EB	5	746	6637	6316	-321	-5	4	Pass	Pass
M20 J5 - 6 Main Carriageway EB*	EB	-	-	-	-	-	-	-	-	-
M20 J6 - J7 Main Carriageway EB	EB	2963	4364	5703	6068	365	6	5	Pass	Pass
M20 J7 - 8 Main Carriageway EB	EB	5250	6601	4146	4075	-71	-2	1	Pass	Pass
M20 J5 EB OffSlip	EB	746	947	719	696	-21	-3	1	Pass	Pass
M20 J5 EB OnSlip	EB	1019	1228	1679	1645	-34	-2	1	Pass	Pass
M20 J6 EB OffSlip	EB	2223	2427	2386	2400	14	1	0	Pass	Pass
M20 J6 EB OnSlip	EB	2527	6797	1213	1205	-8	-1	0	Pass	Pass
M20 J7 EB OffSlip	EB	4364	4638	2543	2514	-29	-1	1	Pass	Pass
M20 J7 EB OnSlip	EB	4835	5250	533	521	-12	-2	1	Pass	Pass
M20 J8 EB OffSlip	EB	6601	6646	1258	1223	-35	-3	1	Pass	Pass
M20 J8 EB OnSlip	EB	6660	6687	292	243	-49	-17	3	Pass	Pass
<b>Total</b>				<b>27109</b>	<b>26908</b>	<b>-201</b>	<b>-1</b>			

\* M20 J5 -6 and M20 J6 -5 Main Carriageway figures include Parallel Slips - Main Carriageway is not included for the calculation.

### Flow Validation PM Peak Eastbound

Location	Westbound							GEH	Criteria	
	Direction	ANODE	BNODE	Observed	Model Flow	Difference	% Difference		GEH<6	Flows
M20 J5-4 Main Carriageway WB	WB	4	14088	4515	4440	-75	-2	1	Pass	Pass
M20 J6 - 5 Main Carriageway WB*	WB	-	-	-	-	-	-	-	-	-
M20 J7-J6 Main Carriageway WB	WB	4383	3040	4128	4402	274	7	4	Pass	Pass
M20 J8 - 7 Main Carriageway WB	WB	6589	5185	3378	3229	-149	-4	3	Pass	Pass
M20 J5 WB OnSlip	WB	952	741	670	582	-88	-13	4	Pass	Pass
M20 J5 WB OffSlip	WB	1459	1017	943	938	-5	-1	0	Pass	Pass
M20 J6 WB OffSlip	WB	2565	2472	870	856	-14	-2	0	Pass	Pass
M20 J6 WB OnSlip	WB	2453	2211	1267	1251	-16	-1	0	Pass	Pass
M20 J7 WB OnSlip	WB	4878	4383	1600	1626	26	2	1	Pass	Pass
M20 J7 WB OffSlip	WB	5185	4856	491	453	-38	-6	2	Pass	Pass
M20 J8 WB OnSlip	WB	6626	6599	1002	966	-36	-4	1	Pass	Pass
M20 J8 WB OffSlip	WB	6685	6648	266	246	-20	-8	1	Pass	Pass
<b>Total</b>				<b>19131</b>	<b>18989</b>	<b>-142</b>	<b>-1</b>			

\* M20 J5 -6 and M20 J6 -5 Main Carriageway figures include Parallel Slips - Main Carriageway is not included for the calculation.

### Flow Validation PM Peak Westbound