

## Appendix B – Journey Time Validation

### Journey Time Validation Summary – AM

Route	Description	Direction	Modelled Distance (km)	Journey Times (Seconds)				
				Observed	Modelled	Difference	% Diff	Pass DMRB
Route 1	B1182 Ruskin Ave/A15 Wragby Rd and A1434 Newark Rd/B1003 Tritton Rd	SB	8.6292	1,231	1,191	-40	-3%	✓
		NB	8.5735	1,115	1,194	79	7%	✓
Route 2	Ferry Rd/Short Ferry Rd and A1133/A46	WB	47.224	3,052	3,162	110	4%	✓
		EB	46.975	3,381	3,351	-30	-1%	✓
Route 3	B1189 Moor Ln and A57 Gainsborough Rd/B1190 Tom Otters Ln	NB	36.529	2,727	3,087	360	13%	✓
		SB	36.599	2,947	2,964	17	1%	✓
Route 4	Hopyard Ln/Navenby Ln and A1133 Newark Rd/A156	NB	34.53	2,511	2,501	-10	0%	✓
		SB	34.657	2,978	2,611	-367	-12%	✓
Route 5	B1189/B1191 Main St/Station Rd and A46 Lincoln Rd/Washdyke Ln	NB	26.038	2,044	2,070	26	1%	✓
		SB	25.989	1,957	2,064	107	5%	✓
Route 6	B1191 Main St/B1189/Station Rd and A1434 Newark Rd/Boundary Ln	WB	28.778	1,678	1,940	262	16%	x
		EB	28.839	1,724	1,655	-69	-4%	✓
Route 7	A46/A1434 Newark Rd and Moor Ln/Fiskerton Rd	EB	19.551	1,263	1,320	57	5%	✓
		WB	19.531	1,369	1,269	-100	-7%	✓
Route 8	A607 Cliff Rd/Skinnand Ln and A1500 Stow Park Rd/High St	NB	36.337	2,688	2,767	79	3%	✓
		SB	37.376	2,824	2,931	107	4%	✓
Route 9	B1190 Branston Causeway at river and B1378 Skellingthorpe Rd/Lincoln Rd	WB	21.394	1,793	1,775	-18	-1%	✓
		EB	21.577	2,049	1,807	-242	-12%	✓
Route 10	B1190 Branston Causeway at river and A1500 Horncastle Ln/A15	NB	23.8	2,218	2,240	22	1%	✓
		EB	23.846	2,181	2,044	-137	-6%	✓
<b>Number of routes passing DMRB criteria</b>								<b>19 / 20</b>
<b>Percentage of routes passing DMRB criteria</b>								<b>95%</b>

### Journey Time Validation Summary – IP

Route	Description	Direction	Modelled Distance (km)	Journey Times (Seconds)				
				Observed	Modelled	Difference	% Diff	Pass DMRB
Route 1	B1182 Ruskin Ave/A15 Wragby Rd and A1434 Newark Rd/B1003 Tritton Rd	SB	8.650	1,151	1,051	-100	-9%	✓
		NB	8.580	1,073	938	-135	-13%	✓
Route 2	Ferry Rd/Short Ferry Rd and A1133/A46	WB	47.070	3,030	3,249	219	7%	✓
		EB	47.100	3,002	2,844	-158	-5%	✓
Route 3	B1189 Moor Ln and A57 Gainsborough Rd/B1190 Tom Otters Ln	NB	36.430	2,514	2,475	-39	-2%	✓
		SB	36.460	2,736	2,531	-205	-8%	✓
Route 4	Hopyard Ln/Navenby Ln and A1133 Newark Rd/A156	NB	34.520	2,444	2,494	50	2%	✓
		SB	34.610	2,654	2,421	-233	-9%	✓
Route 5	B1189/B1191 Main St/Station Rd and A46 Lincoln Rd/Washdyke Ln	NB	26.050	1,866	1,873	7	0%	✓
		SB	24.670	1,825	1,876	51	3%	✓
Route 6	B1191 Main St/B1189/Station Rd and A1434 Newark Rd/Boundary Ln	WB	28.760	1,640	1,491	-149	-9%	✓
		EB	28.830	1,664	1,480	-184	-11%	✓
Route 7	A46/A1434 Newark Rd and Moor Ln/Fiskerton Rd	EB	19.770	1,118	935	-183	-16%	×
		WB	19.690	1,169	960	-209	-18%	×
Route 8	A607 Cliff Rd/Skinnand Ln and A1500 Stow Park Rd/High St	NB	36.630	2,488	2,484	-4	0%	✓
		SB	36.930	2,608	2,585	-23	-1%	✓
Route 9	B1190 Branston Causway at river and B1378 Skellingthorpe Rd/Lincoln Rd	WB	21.300	1,777	1,758	-19	-1%	✓
		EB	29.770	1,872	1,655	-217	-12%	✓
Route 10	B1190 Branston Causeway at river and A1500 Horncastle Ln/A15	NB	27.940	2,221	1,903	-318	-14%	✓
		EB	27.940	2,036	1,881	-155	-8%	✓
<b>Number of routes passing DMRB criteria</b>								<b>18 / 20</b>
<b>Percentage of routes passing DMRB criteria</b>								<b>90%</b>

### Journey Time Validation Summary – PM Peak

Route	Description	Direction	Modelled Distance (km)	Journey Times (Seconds)				
				Observed	Modelled	Difference	% Diff	Pass DMRB
Route 1	B1182 Ruskin Ave/A15 Wragby Rd and A1434 Newark Rd/B1003 Tritton Rd	SB	8.650	1,320	1,588	268	20%	×
		NB	8.580	1,174	1,240	66	6%	✓
Route 2	Ferry Rd/Short Ferry Rd and A1133/A46	WB	47.070	3,315	3,574	259	8%	✓
		EB	47.100	2,904	3,271	367	13%	✓
Route 3	B1189 Moor Ln and A57 Gainsborough Rd/B1190 Tom Otters Ln	NB	36.430	2,863	3,235	372	13%	✓
		SB	36.460	2,912	3,294	382	13%	✓
Route 4	Hopyard Ln/Navenby Ln and A1133 Newark Rd/A156	NB	34.520	2,651	3,293	642	24%	×
		SB	34.610	2,746	3,222	476	17%	×
Route 5	B1189/B1191 Main St/Station Rd and A46 Lincoln Rd/Washdyke Ln	NB	26.050	2,064	2,308	244	12%	✓
		SB	24.670	2,025	2,255	230	11%	✓
Route 6	B1191 Main St/B1189/Station Rd and A1434 Newark Rd/Boundary Ln	WB	28.760	1,656	1,860	204	12%	✓
		EB	28.830	1,668	1,777	109	7%	✓
Route 7	A46/A1434 Newark Rd and Moor Ln/Fiskerton Rd	EB	19.770	1,274	1,465	191	15%	✓
		WB	19.690	1,338	1,030	-308	-23%	×
Route 8	A607 Cliff Rd/Skinnand Ln and A1500 Stow Park Rd/High St	NB	36.630	2,782	3,009	227	8%	✓
		SB	36.930	2,836	2,964	128	5%	✓
Route 9	B1190 Branston Causway at river and B1378 Skellingthorpe Rd/Lincoln Rd	WB	21.300	2,158	2,276	118	5%	✓
		EB	29.770	1,968	1,850	-118	-6%	✓
Route 10	B1190 Branston Causeway at river and A1500 Horncastle Ln/A15	NB	27.940	2,374	2,521	147	6%	✓
		EB	27.940	2,247	2,340	93	4%	✓
<b>Number of routes passing DMRB criteria</b>								<b>16 / 20</b>
<b>Percentage of routes passing DMRB criteria</b>								<b>80%</b>