
Appendix C: Travel Time Survey Results

Project No: T0072 Batemans Bay Travel Time Survey Summary

AM Peak (11AM - 1PM)

| Scenario | Time Period | Route | Compass Direction | # Runs | Distance | Avg Speed | Avg Travel Time | Min Travel Time | Max Travel Time | StDev Travel Time | StDev Avg Speed | Avg # Stops | Avg Stopped Time | Avg Congested Time |
|----------|-------------|-------------|-------------------|--------|----------|-----------|-----------------|-----------------|-----------------|-------------------|-----------------|-------------|------------------|--------------------|
| Default | AM | Route A NBD | NW | 2 | 2.16 | 34.52 | 3.62 | 3.33 | 3.9 | 0.4 | 3.17 | 2 | 0.57 | 0.99 |
| Default | AM | Route A SBD | SE | 3 | 2.16 | 39.94 | 3.2 | 3.12 | 3.28 | 0.08 | 0.92 | 1.33 | 0.1 | 0.34 |
| Default | AM | Route B NBD | N | 2 | 2.57 | 24.23 | 6.24 | 5.25 | 7.23 | 1.4 | 5.58 | 4 | 1.96 | 2.63 |
| Default | AM | Route B SBD | S | 4 | 2.33 | 30.02 | 4.56 | 3.97 | 5.43 | 0.62 | 3.79 | 1.5 | 0.65 | 1.48 |
| Default | AM | Route C NBD | N | 4 | 2.35 | 48.63 | 2.88 | 2.7 | 3.05 | 0.14 | 2.43 | 0.75 | 0.1 | 0.24 |
| Default | AM | Route C SBD | SW | 5 | 2.35 | 47.77 | 2.91 | 2.27 | 3.4 | 0.46 | 8.24 | 0.6 | 0.38 | 0.43 |

PM Peak (3PM - 5PM)

| Scenario | Time Period | Route | Compass Direction | # Runs | Distance | Avg Speed | Avg Travel Time | Min Travel Time | Max Travel Time | StDev Travel Time | StDev Avg Speed | Avg # Stops | Avg Stopped Time | Avg Congested Time |
|----------|-------------|-------------|-------------------|--------|----------|-----------|-----------------|-----------------|-----------------|-------------------|-----------------|-------------|------------------|--------------------|
| Default | PM | Route A NBD | NW | 4 | 2.16 | 38.21 | 3.34 | 2.73 | 3.95 | 0.6 | 6.26 | 0.75 | 0.47 | 0.62 |
| Default | PM | Route A SBD | SE | 4 | 2.16 | 38.09 | 3.36 | 2.83 | 3.67 | 0.39 | 4.69 | 1.25 | 0.29 | 0.54 |
| Default | PM | Route B NBD | N | 2 | 2.57 | 30.61 | 4.92 | 4.62 | 5.22 | 0.42 | 2.82 | 3 | 1.14 | 1.61 |
| Default | PM | Route B SBD | S | 4 | 2.33 | 32.94 | 4.14 | 3.53 | 5.02 | 0.67 | 5.05 | 1.25 | 0.73 | 0.91 |
| Default | PM | Route C NBD | N | 4 | 2.35 | 45.8 | 3.05 | 2.63 | 3.43 | 0.36 | 5.42 | 1.25 | 0.39 | 0.55 |
| Default | PM | Route C SBD | SW | 3 | 2.35 | 52.53 | 2.65 | 2.22 | 3 | 0.4 | 8.41 | 0.67 | 0.19 | 0.25 |

Project No. T0072 Batemans Bay Checkpoint Summary

AM Peak (11AM - 1PM)

| Scenario | Time Period | Route | Checkpoint | # Runs | Avg Distance | Avg Speed | Avg Travel Time | Min Travel Time | Max Travel Time | StDev Travel Time | StDev Avg Speed | Avg # Stops | Avg Stopped Time | Avg Congested Time | Avg Control Delay Time | Avg Approach Delay Time | Avg Stop Delay Time |
|----------|-------------|-------------|--------------|--------|--------------|-----------|-----------------|-----------------|-----------------|-------------------|-----------------|-------------|------------------|--------------------|------------------------|-------------------------|---------------------|
| Default | AM | Route A NBD | Millar St | 2 | 0.71 | 50.23 | 0.85 | 0.84 | 0.86 | 0.02 | 1.06 | 0 | 0 | 0 | | | |
| Default | AM | Route A NBD | Bavarde Ave | 2 | 0.24 | 51.51 | 0.28 | 0.25 | 0.31 | 0.04 | 7.54 | 0 | 0 | 0 | 0.05 | 0.04 | 0 |
| Default | AM | Route A NBD | Pacific St | 2 | 0.33 | 54.33 | 0.36 | 0.34 | 0.39 | 0.04 | 5.84 | 0 | 0 | 0 | | | |
| Default | AM | Route A NBD | Flora Cres | 2 | 0.47 | 41.93 | 0.67 | 0.59 | 0.76 | 0.12 | 7.49 | 0.5 | 0.05 | 0.11 | 0.23 | 0.23 | 0.12 |
| Default | AM | Route A NBD | Orient St | 2 | 0.1 | 8.71 | 0.69 | 0.34 | 1.04 | 0.49 | 7.88 | 1 | 0.42 | 0.54 | 0.57 | 0.57 | 0.43 |
| Default | AM | Route A NBD | Perry St | 2 | 0.12 | 17.41 | 0.41 | 0.24 | 0.58 | 0.24 | 12.53 | 0.5 | 0.09 | 0.23 | 0.21 | 0.12 | 0.57 |
| Default | AM | Route A NBD | (Route End) | 2 | 0.19 | 29.29 | 0.39 | 0.23 | 0.55 | 0.23 | 20.13 | 0 | 0 | 0.14 | 0.01 | 0 | 0 |
| Default | AM | Route A SBD | Perry St | 3 | 0.19 | 19.42 | 0.59 | 0.41 | 0.84 | 0.23 | 7.13 | 0.67 | 0.06 | 0.28 | 0.15 | 0.11 | 0.04 |
| Default | AM | Route A SBD | Orient St | 3 | 0.12 | 22.58 | 0.32 | 0.26 | 0.38 | 0.06 | 4.39 | 0.67 | 0.03 | 0.1 | 0.2 | 0.2 | 0.08 |
| Default | AM | Route A SBD | Flora Cres | 3 | 0.1 | 36.9 | 0.16 | 0.15 | 0.17 | 0.01 | 2.66 | 0 | 0 | 0 | | | |
| Default | AM | Route A SBD | Pacific St | 3 | 0.47 | 47.49 | 0.59 | 0.54 | 0.63 | 0.04 | 3.72 | 0 | 0 | 0 | | | |
| Default | AM | Route A SBD | Bavarde Ave | 3 | 0.33 | 47.9 | 0.41 | 0.38 | 0.44 | 0.03 | 3.66 | 0 | 0 | 0 | | | |
| Default | AM | Route A SBD | Millar St | 3 | 0.24 | 41.33 | 0.35 | 0.31 | 0.39 | 0.04 | 4.46 | 0 | 0 | 0 | | | |
| Default | AM | Route A SBD | (Route End) | 3 | 0.71 | 51.34 | 0.83 | 0.78 | 0.89 | 0.05 | 3.34 | 0 | 0 | 0.01 | 0.03 | 0 | 0 |
| Default | AM | Route B NBD | Gregory St | 2 | 0.28 | 20.54 | 0.82 | 0.74 | 0.9 | 0.11 | 2.86 | 1 | 0.28 | 0.42 | 0.41 | 0.42 | 0.23 |
| Default | AM | Route B NBD | South St | 2 | 0.39 | 38.4 | 0.61 | 0.57 | 0.65 | 0.06 | 3.9 | 0 | 0 | 0.04 | 0.12 | 0.12 | 0 |
| Default | AM | Route B NBD | Crown St | 2 | 0.22 | 42.2 | 0.31 | 0.29 | 0.33 | 0.03 | 3.92 | 0 | 0 | 0 | | | |
| Default | AM | Route B NBD | Museum Pl | 2 | 0.33 | 47.69 | 0.42 | 0.41 | 0.42 | 0.01 | 1.27 | 0 | 0 | 0 | | | |
| Default | AM | Route B NBD | Camp St | 2 | 0.03 | 55.24 | 0.03 | 0.03 | 0.03 | 0 | 3.94 | 0 | 0 | 0 | | | |
| Default | AM | Route B NBD | Beach Rd | 2 | 0.31 | 10.84 | 1.72 | 0.94 | 2.49 | 1.1 | 8.74 | 1.5 | 0.52 | 1.35 | 0.84 | 0.27 | 0.81 |
| Default | AM | Route B NBD | Princess Hwy | 2 | 0.27 | 12.29 | 1.32 | 1.12 | 1.52 | 0.28 | 2.68 | 1.5 | 1.15 | 1.35 | 0.77 | 0.77 | 0.63 |
| Default | AM | Route B NBD | Clyde St | 2 | 0.56 | 43.26 | 0.78 | 0.77 | 0.78 | 0 | 0.16 | 0 | 0 | 0 | | | |
| Default | AM | Route B NBD | (Route End) | 2 | 0.18 | 45.87 | 0.24 | 0.22 | 0.25 | 0.02 | 3.62 | 0 | 0 | 0 | | | |
| Default | AM | Route B SBD | Clyde St | 4 | 0.18 | 48.84 | 0.22 | 0.21 | 0.23 | 0.01 | 2.83 | 0 | 0 | 0 | 0.03 | 0.02 | 0 |
| Default | AM | Route B SBD | North St | 4 | 0.32 | 31.75 | 0.6 | 0.47 | 0.85 | 0.17 | 7.67 | 0 | 0 | 0.11 | 0.35 | 0.04 | 0.25 |
| Default | AM | Route B SBD | Beach Rd | 4 | 0.26 | 9.98 | 1.56 | 1.02 | 2.52 | 0.66 | 3.86 | 1.25 | 0.61 | 1.21 | 0.92 | 0.92 | 0.79 |
| Default | AM | Route B SBD | Flora Crs | 4 | 0.11 | 28.22 | 0.23 | 0.2 | 0.29 | 0.04 | 4.47 | 0 | 0 | 0.02 | | | |
| Default | AM | Route B SBD | Museum Pl | 4 | 0.2 | 39.22 | 0.31 | 0.26 | 0.39 | 0.06 | 6.77 | 0 | 0 | 0 | | | |
| Default | AM | Route B SBD | Crown St | 4 | 0.36 | 53.6 | 0.4 | 0.37 | 0.44 | 0.03 | 4.59 | 0 | 0 | 0 | | | |
| Default | AM | Route B SBD | South St | 4 | 0.22 | 46.82 | 0.28 | 0.26 | 0.31 | 0.02 | 3.96 | 0 | 0 | 0 | | | |
| Default | AM | Route B SBD | Hughes St | 4 | 0.39 | 36.16 | 0.65 | 0.46 | 0.82 | 0.15 | 9.42 | 0.25 | 0.04 | 0.13 | | | |
| Default | AM | Route B SBD | (Route End) | 4 | 0.28 | 57.21 | 0.29 | 0.25 | 0.32 | 0.03 | 6.9 | 0 | 0 | 0 | | | |
| Default | AM | Route C NBD | Gay St | 4 | 1.14 | 50.27 | 1.36 | 1.12 | 1.69 | 0.25 | 9.15 | 0.25 | 0.05 | 0.1 | | | |
| Default | AM | Route C NBD | Beach Rd | 4 | 0.47 | 47.35 | 0.6 | 0.43 | 0.74 | 0.16 | 13.63 | 0.25 | 0.02 | 0.1 | 0.23 | 0.22 | 0.05 |
| Default | AM | Route C NBD | North St | 4 | 0.28 | 43.3 | 0.39 | 0.27 | 0.51 | 0.1 | 12.37 | 0.25 | 0.02 | 0.04 | 0.22 | 0.19 | 0.1 |
| Default | AM | Route C NBD | Clyde St | 4 | 0.27 | 50.41 | 0.32 | 0.29 | 0.37 | 0.04 | 5.34 | 0 | 0 | 0 | | | |
| Default | AM | Route C NBD | (Route End) | 4 | 0.18 | 54.21 | 0.2 | 0.19 | 0.22 | 0.01 | 3.52 | 0 | 0 | 0 | | | |
| Default | AM | Route C SBD | Clyde St | 5 | 0.18 | 52.23 | 0.21 | 0.19 | 0.22 | 0.01 | 2.38 | 0 | 0 | 0 | | | |
| Default | AM | Route C SBD | North St | 5 | 0.27 | 43.04 | 0.38 | 0.26 | 0.69 | 0.18 | 15.7 | 0.2 | 0.06 | 0.07 | 0.2 | 0.19 | 0.14 |
| Default | AM | Route C SBD | Beach Rd | 5 | 0.28 | 24.24 | 0.69 | 0.3 | 1.23 | 0.46 | 19.54 | 0.4 | 0.32 | 0.35 | 0.91 | 0.89 | 0.8 |
| Default | AM | Route C SBD | Gay St | 5 | 0.47 | 59.03 | 0.48 | 0.41 | 0.52 | 0.04 | 5.53 | 0 | 0 | 0 | | | |
| Default | AM | Route C SBD | (Route End) | 5 | 1.14 | 59.34 | 1.15 | 1.08 | 1.22 | 0.05 | 2.68 | 0 | 0 | 0 | | | |

PM Peak (3PM - 5PM)

| Scenario | Time Period | Route | Checkpoint | # Runs | Avg Distance | Avg Speed | Avg Travel Time | Min Travel Time | Max Travel Time | StDev Travel Time | StDev Avg Speed | Avg # Stops | Avg Stopped Time | Avg Congested Time | Avg Control Delay Time | Avg Approach Delay Time | Avg Stop Delay Time |
|----------|-------------|-------------|--------------|--------|--------------|-----------|-----------------|-----------------|-----------------|-------------------|-----------------|-------------|------------------|--------------------|------------------------|-------------------------|---------------------|
| Default | PM | Route A NBD | Millar St | 4 | 0.71 | 51.79 | 0.82 | 0.81 | 0.83 | 0.01 | 0.56 | 0 | 0 | 0 | | | |
| Default | PM | Route A NBD | Bavarde Ave | 4 | 0.24 | 48.74 | 0.3 | 0.27 | 0.33 | 0.02 | 3.92 | 0 | 0 | 0.01 | 0.05 | 0.05 | 0 |
| Default | PM | Route A NBD | Pacific St | 4 | 0.33 | 51.5 | 0.38 | 0.35 | 0.44 | 0.04 | 5.01 | 0 | 0 | 0 | | | |
| Default | PM | Route A NBD | Flora Cres | 4 | 0.47 | 50.66 | 0.56 | 0.51 | 0.68 | 0.08 | 6.65 | 0.25 | 0.02 | 0.04 | 0.11 | 0.06 | 0.02 |
| Default | PM | Route A NBD | Orient St | 4 | 0.1 | 9.12 | 0.66 | 0.16 | 1.26 | 0.57 | 16.21 | 0.5 | 0.45 | 0.51 | 1.18 | 1.16 | 1.07 |
| Default | PM | Route A NBD | Perry St | 4 | 0.12 | 28.13 | 0.26 | 0.22 | 0.34 | 0.06 | 5.46 | 0 | 0 | 0.04 | 0.1 | 0.12 | 0 |
| Default | PM | Route A NBD | (Route End) | 4 | 0.19 | 31.1 | 0.37 | 0.22 | 0.46 | 0.11 | 12.7 | 0 | 0 | 0.02 | 0.04 | 0 | 0 |
| Default | PM | Route A SBD | Perry St | 4 | 0.19 | 21.02 | 0.54 | 0.42 | 0.73 | 0.13 | 4.75 | 0.5 | 0.06 | 0.21 | 0.23 | 0.24 | 0.08 |
| Default | PM | Route A SBD | Orient St | 4 | 0.12 | 14.56 | 0.49 | 0.22 | 0.75 | 0.26 | 11.29 | 0.5 | 0.21 | 0.29 | 0.4 | 0.4 | 0.29 |
| Default | PM | Route A SBD | Flora Cres | 4 | 0.1 | 34.77 | 0.17 | 0.14 | 0.25 | 0.05 | 8.67 | 0 | 0 | 0 | | | |
| Default | PM | Route A SBD | Pacific St | 4 | 0.47 | 50.15 | 0.56 | 0.52 | 0.67 | 0.07 | 5.76 | 0 | 0 | 0 | | | |
| Default | PM | Route A SBD | Bavarde Ave | 4 | 0.33 | 43.82 | 0.45 | 0.38 | 0.56 | 0.09 | 8.1 | 0.25 | 0.02 | 0.04 | 0.12 | 0.11 | 0.03 |
| Default | PM | Route A SBD | Millar St | 4 | 0.24 | 41.42 | 0.35 | 0.31 | 0.42 | 0.05 | 5.62 | 0 | 0 | 0 | | | |
| Default | PM | Route A SBD | (Route End) | 4 | 0.71 | 53.8 | 0.79 | 0.75 | 0.85 | 0.05 | 3.12 | 0 | 0 | 0.01 | 0.06 | 0 | 0 |
| Default | PM | Route B NBD | Gregory St | 2 | 0.28 | 24.47 | 0.69 | 0.66 | 0.71 | 0.04 | 1.46 | 1 | 0.15 | 0.32 | 0.35 | 0.36 | 0.2 |
| Default | PM | Route B NBD | South St | 2 | 0.39 | 44.82 | 0.52 | 0.51 | 0.53 | 0.02 | 1.47 | 0 | 0 | 0 | 0.04 | 0.05 | 0 |
| Default | PM | Route B NBD | Crown St | 2 | 0.22 | 46 | 0.29 | 0.29 | 0.29 | 0 | 0.2 | 0 | 0 | 0 | | | |
| Default | PM | Route B NBD | Museum Pl | 2 | 0.33 | 51.13 | 0.39 | 0.37 | 0.4 | 0.02 | 3.1 | 0 | 0 | 0 | | | |
| Default | PM | Route B NBD | Camp St | 2 | 0.03 | 54.57 | 0.03 | 0.03 | 0.03 | 0 | 1.04 | 0 | 0 | 0 | | | |
| Default | PM | Route B NBD | Beach Rd | 2 | 0.31 | 15.22 | 1.22 | 1.09 | 1.35 | 0.18 | 2.33 | 0.5 | 0.35 | 0.82 | 0.81 | 0.07 | 0.71 |
| Default | PM | Route B NBD | Princess Hwy | 2 | 0.27 | 20.38 | 0.79 | 0.44 | 1.15 | 0.5 | 15.85 | 1.5 | 0.93 | 1.1 | 0.34 | 0.33 | 0.25 |
| Default | PM | Route B NBD | Clyde St | 2 | 0.56 | 42.49 | 0.79 | 0.6 | 0.98 | 0.26 | 15.02 | 0.5 | 0.04 | 0.12 | | | |
| Default | PM | Route B NBD | (Route End) | 2 | 0.18 | 57.54 | 0.19 | 0.17 | 0.2 | 0.02 | 7.06 | 0 | 0 | 0 | | | |
| Default | PM | Route B SBD | Clyde St | 4 | 0.18 | 49.29 | 0.22 | 0.21 | 0.23 | 0.01 | 2.47 | 0 | 0 | 0 | 0.02 | 0.02 | 0 |
| Default | PM | Route B SBD | North St | 4 | 0.32 | 40.81 | 0.47 | 0.43 | 0.51 | 0.03 | 2.81 | 0 | 0 | 0 | | | |
| Default | PM | Route B SBD | Beach Rd | 4 | 0.26 | 11.79 | 1.32 | 1.02 | 1.76 | 0.34 | 3.02 | 1 | 0.7 | 0.87 | 0.93 | 0.93 | 0.81 |
| Default | PM | Route B SBD | Flora Crs | 4 | 0.11 | 32.54 | 0.2 | 0.19 | 0.22 | 0.01 | 1.49 | 0 | 0 | 0 | | | |
| Default | PM | Route B SBD | Museum Pl | 4 | 0.2 | 36.59 | 0.33 | 0.27 | 0.4 | 0.07 | 7.94 | 0 | 0 | 0 | 0.13 | 0.14 | 0 |
| Default | PM | Route B SBD | Crown St | 4 | 0.36 | 51.09 | 0.42 | 0.39 | 0.46 | 0.04 | 4.31 | 0 | 0 | 0 | | | |
| Default | PM | Route B SBD | South St | 4 | 0.22 | 51.66 | 0.26 | 0.24 | 0.27 | 0.01 | 2.56 | 0 | 0 | 0 | | | |
| Default | PM | Route B SBD | Hughes St | 4 | 0.39 | 42.92 | 0.55 | 0.51 | 0.58 | 0.03 | 2.44 | 0 | 0 | 0 | | | |
| Default | PM | Route B SBD | (Route End) | 4 | 0.28 | 46.63 | 0.36 | 0.26 | 0.62 | 0.18 | 17.84 | 0.25 | 0.03 | 0.05 | | | |
| Default | PM | Route C NBD | Gay St | 4 | 1.14 | 47.98 | 1.43 | 1.22 | 1.68 | 0.19 | 6.41 | 0.75 | 0.1 | 0.2 | | | |
| Default | PM | Route C NBD | Beach Rd | 4 | 0.47 | 34.54 | 0.82 | 0.44 | 1.42 | 0.47 | 22.59 | 0.5 | 0.28 | 0.35 | 0.74 | 0.72 | 0.57 |
| Default | PM | Route C NBD | North St | 4 | 0.28 | 54.32 | 0.31 | 0.28 | 0.35 | 0.03 | 5.69 | 0 | 0 | 0 | | | |
| Default | PM | Route C NBD | Clyde St | 4 | 0.27 | 52.49 | 0.31 | 0.28 | 0.39 | 0.05 | 8.11 | 0 | 0 | 0 | | | |
| Default | PM | Route C NBD | (Route End) | 4 | 0.18 | 57.95 | 0.19 | 0.17 | 0.2 | 0.01 | 3.12 | 0 | 0 | 0 | | | |
| Default | PM | Route C SBD | Clyde St | 3 | 0.18 | 56.41 | 0.19 | 0.19 | 0.2 | 0.01 | 2.03 | 0 | 0 | 0 | | | |
| Default | PM | Route C SBD | North St | 3 | 0.27 | 56.51 | 0.29 | 0.26 | 0.32 | 0.03 | 6.51 | 0 | 0 | 0 | 0.04 | 0.05 | 0 |
| Default | PM | Route C SBD | Beach Rd | 3 | 0.28 | 35.25 | 0.48 | 0.28 | 0.86 | 0.33 | 23.02 | 0.33 | 0.13 | 0.16 | 0.53 | 0.51 | 0.4 |
| Default | PM | Route C SBD | Gay St | 3 | 0.47 | 60.13 | 0.47 | 0.43 | 0.51 | 0.04 | 5.39 | 0 | 0 | 0 | | | |
| Default | PM | Route C SBD | (Route End) | 3 | 1.14 | 56.17 | 1.22 | 1.05 | 1.46 | 0.22 | 9.48 | 0.33 | 0.06 | 0.09 | | | |