

| DATE | ROUTE IDENTITY | START POINT | END POINT | KILOMETRAGE | EXTENT | TOL | TIME | DEPART | ARRIVE | | |
|---|----------------|--------------------------|-------------------------------------|-------------------------------------|------------------|--------------|------------|--------------|--------------|--------------|--------------|
| WEDNESDAY | 75A2 | PNGL | PALMERSTON NORTH | 0 - 109 | 109 | 2 | 3.3 | 08:00 | 11:20 | | |
| 01-Mar-23 | 75A2 | PNGL LOOPS | WAIPUKURAU 109 KM PEG | 109 - 0 | 109 | 2 | 3.7 | 11:45 | 15:25 | | |
| STABLE PALMERSTON NORTH NETWORKS | | | | | | | | | | | |
| THURSDAY | | RUN LIGHT | PALMERSTON NORTH | MARTON (4R) | 136 - 180 | 44 | 1 | 1.2 | 07:00 | 08:10 | |
| 02-Mar-23 | 01N1 | MARTON WEST MAIN | MARTON (4R) | MARTON (18L) | | 1 | 1 | 0.1 | 08:10 | 08:15 | |
| | | RUN LIGHT | MARTON (18L) | TAIHAPE | 181 - 252 | 71 | 1 | 2.0 | 08:15 | 10:15 | |
| | | RUN LIGHT | TAIHAPE | TAUMARUNUI YARD | 252 - 398 | 146 | 1 | 3.8 | 10:15 | 14:00 | |
| STABLE TAUMARUNUI YARD | | | | | | 116 | 3.3 | | | | |
| FRIDAY | | RUN LIGHT | TAUMARUNUI (6L signal) | OTOROHANGA | 398 - 495 | 97 | 1 | 2.4 | 09:30 | 11:55 | |
| 03-Mar-23 | 01A1 | NIMT ML | OTOROHANGA | HAMILTON (via 136 pts) | 495 - 543 | 48 | 1 | 1.4 | 11:55 | 13:20 | |
| | LOOP | NIMT ML | HAMILTON (via 136 pts) | TE RAPA LOCO | 543 - 544 | 1 | 2 | 0.2 | 13:20 | 13:30 | |
| STABLE TE RAPA LOCO | | | | | | 146 | 4.0 | | | | |
| SUNDAY | | RUN LIGHT | TE RAPA LOCO | HAMILTON 127 SIG | | 2 | 0.1 | | 20:55 | 21:00 | |
| 05-Mar-23 | 01A1 | NIMT MAIN LINE | HAMILTON 127 SIG | HUNTLY | 544 - 574 | 30 | 0.8 | | 21:00 | 21:45 | |
| | 01A1 | NIMT MAIN LINE | HUNTLY | TE KAUPHATA | 574 - 592 | 18 | 1 | 0.4 | 21:45 | 22:10 | |
| | 01A1 | NIMT MAIN LINE | TE KAUPHATA | PUKEKOHE 625.68 km | 592 - 625 | 33 | 1 | 0.8 | 22:10 | 23:00 | |
| | 01A1 | NIMT UP MAIN LINE | PUKEKOHE 625.68 km | PAPAKURA (2258B t/out) | 625 - 647 | A | 22 | 1 | 0.7 | 23:00 | 23:40 |
| | 01A1 | NIMT UP MAIN LINE | PAPAKURA (2258B t/out) | OTAHUHU 1623 SIG UP MAIN | 647 - 664 | U | 17 | 1 | 0.4 | 23:40 | 00:05 |
| | TURN | OTAHUHU TRIANGLE | OTAHUHU 1623 SIG UP MAIN | OTAHUHU TRIANGLE | 664 - 664 | C | 0.5 | 1 | 0.1 | 00:05 | 00:10 |
| | TURN | OTAHUHU TRIANGLE | OTAHUHU TRIANGLE | OTAHUHU TRIANGLE | 664 - 663 | K | 0.5 | 1 | 0.1 | 00:10 | 00:15 |
| | | RUN LIGHT | OTAHUHU TRIANGLE | OTAHUHU 1621 SIG CENTRE MAIN | 663 - 664 | MET | 1 | 1 | 0.1 | 00:15 | 00:20 |
| | | RUN LIGHT | OTAHUHU 1621 SIG CENTRE MAIN | OTAHUHU 1610 SIG DOWN MAIN | 664 - 664 | R | 0.5 | 1 | 0.1 | 00:20 | 00:25 |
| | 01N1 | NIMT DOWN MAIN | OTAHUHU 1610 SIG DOWN MAIN | PUKEKOHE 625.68 km | 664 - 625 | O | 39 | 1 | 0.9 | 00:25 | 01:20 |
| | 01N1 | NIMT DOWN MAIN | PUKEKOHE 625.68 km | HAMILTON 149 SIG | 625 - 543 | | 82 | 1 | 1.9 | 01:20 | 03:15 |
| | | RUN LIGHT | HAMILTON 149 SIG | TE RAPA LOCO | | | 5 | | 0.2 | 03:15 | 03:25 |
| SIGNALS AKL 10889243 | | | | STABLE TE RAPA LOCO | | 248.5 | | 6.4 | | | |

EM80 - NORTH ISLAND Programme: WEEK 1: NIMT LOOPS, MNPL, MNPL LOOPS

| DATE | ROUTE IDENTITY | START POINT | END POINT | KILOMETRAGE | EXTENT | TOL | TIME | DEPART | ARRIVE | | |
|-----------------------------|----------------|-------------|------------------------------------|---------------------------------|-----------|-----|------|--------|--------|-------|-------|
| WEDNESDAY | | RUN LIGHT | PALMERSTON NORTH | | | | 45 | 1.3 | 07:30 | 08:45 | |
| 29-Mar-23 | 41A2 | MNPL | MARTON | 0 - 131 | 131 | 2 | 3.5 | 08:50 | 12:20 | | |
| | 41B2 | MNPL | WHAREROA | 131 - 205 | 74 | 2 | 2.3 | 12:25 | 14:40 | | |
| | 41B3 | MNPL | SMART ROAD MAIN | 205 - 212 | 7 | 3 | 0.3 | 14:50 | 15:05 | | |
| | | RUN LIGHT | BREAKWATER | | 8 | | 0.3 | 15:05 | 15:20 | | |
| | | SMART ROAD | ARRIVAL DEPARTURE ROADS | 0 - 2 | 2 | 5 | 0.3 | 15:20 | 15:40 | | |
| SIGNALS WGI 10889259 | | | STABLE NEW PLYMOUTH | | 267 | | 7.8 | | | | |
| THURSDAY | | MNPL LOOPS | SMART ROAD | | | | 9 | 4 | 0.3 | 08:20 | 08:40 |
| 30-Mar-23 | | MNPL LOOPS | LEPPERTON JCN PT | | | | 35 | 4 | 1.0 | 09:00 | 10:00 |
| | | MNPL LOOPS | STRATFORD | 160 - 145 | 15 | 4 | 0.4 | 10:05 | 10:30 | | |
| | | RUN LIGHT | TE ROTI | | 14 | | 0.5 | 10:30 | 11:00 | | |
| | | MNPL LOOPS | WHAREROA | | 87 | 4 | 3.8 | 11:05 | 14:50 | | |
| | 41L4 | MNPL LINK | MARTON (8L Signal) (via west loop) | MARTON (4R Signal) | 0 - 3 | 3 | 4 | 0.2 | 14:50 | 15:00 | |
| | | NIMT LOOPS | MARTON (4R Signal) | PALMERSTON NORTH Turntable | | 44 | 1.3 | 15:00 | 16:15 | | |
| | TURN | RUN LIGHT | PALMERSTON NORTH Turntable | PALMERSTON NORTH Network Siding | | 44 | 0.4 | 16:15 | 16:40 | | |
| SIGNALS WGI 10889259 | | | STABLE PALM NTH NETWORK SIDING | | 163.0 | | 6.2 | | | | |
| FRIDAY | | PNGL | PALMERSTON NORTH | HASTINGS 163 KM | 0 - 163 | 163 | 2 | 4.9 | 07:30 | 12:25 | |
| 31-Mar-23 | 75A2 | PNGL LOOPS | HASTINGS 163 KM | WAI[PUKARAU | 163 - 108 | 55 | 2 | 1.3 | 12:25 | 13:45 | |
| | | PNGL LOOPS | WAI[PUKARAU | PALMERSTON NORTH | 108 - 0 | 108 | 2 | 3.7 | 13:50 | 17:30 | |
| | | | STABLE | PALMERSTON NORTH NETWORKS | | 326 | 9.9 | | | | |

EM80 - NORTH ISLAND Programme: WEEK 2 : NIMT, ECMT, KINLEITH, MT MAUNGANUI

| DATE | ROUTE IDENTITY | START POINT | END POINT | KILOMETRAGE | EXTENT | TOL | TIME | DEPART | ARRIVE | | | | |
|-----------|----------------|----------------|--|--|--------|-----|------|--------|--------|-----|-------|-------|--|
| MONDAY | 01A1 | NIMT | PALMERSTON NORTH | TAIHAPE | 136 | - | 252 | 116 | 1 | 2.7 | 06:50 | 09:30 | |
| 03-Apr-23 | 01A1 | NIMT | TAIHAPE | TAUMARUNUI (6L Signal) | 252 | - | 398 | 146 | 1 | 3.9 | 09:30 | 13:25 | |
| | | | | STABLE TAUMARUNUI | | | | 262 | | 6.6 | | | |
| TUESDAY | 01A1 | NIMT | TAUMARUNUI | HAMILTON (via 136 pts) | 398 | - | 543 | 145 | 1 | 3.8 | 09:30 | 13:20 | |
| 04-Apr-23 | | | HAMILTON | ARRIVAL DEPARTURE ROADS AND UP AND DOWN THRU | | | | | | 5.0 | 13:20 | 14:50 | |
| | | | (NOTE: will need to travel to BURBUSH OR HORITU loop to be able to complete all recordings north end of Te Rapa yard) | | | | | | | | | | |
| | | | | STABLE TERAPA LOCO | | | | 145 | | 8.8 | | | |
| WEDNESDAY | | RUN LIGHT | TE RAPA LOCO | HAMILTON JCN PTS | | | | 3 | | 0.2 | 05:40 | 05:50 | |
| 05-Apr-23 | 51A1 | ECMT | HAMILTON JCN PTS | RUAKURA | 0 | - | 7 | 7 | 1 | 0.3 | 05:50 | 06:05 | |
| | 51A1 | ECMT | RUAKURA | MORRINSVILLE | 7 | - | 28.5 | 21.5 | 1 | 0.6 | 06:05 | 06:40 | |
| | 51A1 | ECMT | MORRINSVILLE | WAHAROA W. JCN PT (14R) | 29 | - | 52 | 23 | 1 | 0.6 | 06:45 | 07:20 | |
| | | RUN LIGHT | WAHAROA W. JCN PT (14R) | WAHAROA W. JCN PT (10L) | 52 | - | 51.5 | 0.5 | 1 | 0.1 | 07:20 | 07:25 | |
| | 55A1 | KINLEITH | WAHAROA W. JCN PT (10L) | PUTARURU | 0 | - | 36 | 36 | 1 | 1.0 | 07:30 | 08:30 | |
| | 55A2 | KINLEITH | PUTARURU | TOKOROA | 36 | - | 57 | 21 | 2 | 0.6 | 08:30 | 09:05 | |
| | 55A2 | KINLEITH | TOKOROA | KINLEITH | 57 | - | 66 | 9 | 2 | 0.3 | 09:20 | 09:35 | |
| | | KINLEITH ROADS | KINLEITH | KINLEITH | | | | 6 | 4 | 0.2 | 09:35 | 09:45 | |
| | | LOOPS | KINLEITH | PUTARURU | | | | 30 | 4 | 0.8 | 09:45 | 10:30 | |
| | | LOOPS | PUTARURU | WAHAROA 10L | | | | 36 | 4 | 0.9 | 10:30 | 11:25 | |
| | | RUN LIGHT | WAHAROA 10L | WAHAROA W. JCN PT (14R) | | | | 0.5 | | 0.1 | 11:30 | 11:35 | |
| | 51A1 | ECMT | WAHAROA W. JCN PT (14R) | TE MAUNGA W. JCN PT (12L) | 50 | - | 105 | 55 | 1 | 1.8 | 11:35 | 13:20 | |
| | 51A1 | ECMT | TE MAUNGA W. JCN PT (12L) | TE MAUNGA E. JCN PT (8R) | 50 | - | 105 | 55 | 1 | 0.2 | 13:20 | 13:30 | |
| | 57A2 | MT MAUNGANUI | TE MAUNGA E. JCN PT (8R) | MT MAUNGANUI | 0 | - | 5.5 | 5.5 | 2 | 0.3 | 13:30 | 13:45 | |
| | | | | STABLE MT MAUNGANUI | | | | 306 | | 7.4 | | | |

EM80 - NORTH ISLAND Programme: WEEK 3: ECMT, MURUPARA, MOUNT MAUNGANUI, ECMT LOOPS, WAITOA, HAUTAPU

| DATE | ROUTE IDENTITY | START POINT | END POINT | KILOMETRAGE | EXTENT | TOL | TIME | DEPART | ARRIVE | | | |
|------------------|-------------------|-------------------|---------------------------------|-------------------------|--------|-----|------|--------|--------|-------|-------|-------|
| WEDNESDAY | | MT MAUNGANUI | TE MAUNGA N. JCN PT | | | | 3 | 0.2 | 05:50 | 06:00 | | |
| 12-Apr-23 | 51A2 | ECMT | TE MAUNGA N. JCN PT | KAWERAU | 105 | - | 182 | 77 | 2 | 2.0 | 06:00 | 08:00 |
| | | | KAWERAU ARRIVAL DEPARTURE ROADS | | | | | 2 | 5 | 0.4 | 08:00 | 08:25 |
| | 59A2 | MURUPARA | KAWERAU | MURUPARA | 0 | - | 58 | 58 | 2 | 1.3 | 08:30 | 09:50 |
| | | LOOPS | MURUPARA | KAWERAU | 58 | - | 0 | 58 | 4 | 1.4 | 10:25 | 11:50 |
| | | RUN LIGHT | KAWERAU | HAWKENS JCN PTS | | | | 15 | | 0.3 | 12:45 | 13:05 |
| | | ECMT LOOPS | HAWKENS JCN PTS | TE MAUNGA E. JCN PTS | | | | 62 | 4 | 2.1 | 13:05 | 15:10 |
| | 57A2 LL01 | MT MAUNGANUI DPT | TE MAUNGA E. JCN PT | MT MAUNGANUI | 0 | - | 5.5 | 5.5 | 2 | 0.2 | 15:25 | 15:35 |
| | SIGNALS EC | 10889285 | | STABLE MT. MAUNGANUI | | | | 280.5 | | 7.9 | | |
| THURSDAY | | DEPARTURE ROAD | MT MAUNGANUI | TE MAUNGA N. JCN PT | | | | 6 | | 0.2 | 06:10 | 06:20 |
| 13-Apr-23 | 57L2 | MT MNGNUI LNK | TE MAUNGA N. JCN PT | TE MAUNGA W. JCN PT | 0 | - | 1 | 1 | 2 | 0.1 | 06:20 | 06:25 |
| | | ECMT LOOPS | TE MAUNGA W. JCN PT | TAURANGA (8RB) | 104 | - | 98 | 6 | 4 | 0.2 | 06:25 | 06:35 |
| | | ECMT LOOPS | TAURANGA (8RB) | TAURANGA (12L) | 104 | - | 98 | 6 | 4 | 0.1 | 06:35 | 06:40 |
| | | SULPHUR POINT TRI | TAURANGA (12L) | TAURANGA (14L) | 0 | - | 1 | 1 | 4 | 0.1 | 06:40 | 06:45 |
| | | SULPHUR POINT TRI | TAURANGA (14L) | TAURANGA (8R) | 0 | - | 1 | 1 | 4 | 0.1 | 06:45 | 06:50 |
| | | ECMT LOOPS | TAURANGA (8R) | HEMOPO | 97 | - | 63 | 34 | 4 | 1.0 | 06:50 | 07:50 |
| | | ECMT LOOPS | HEMOPO | WAHAROA E. JCN PT (12R) | 62 | - | 54 | 8 | 4 | 0.3 | 07:50 | 08:05 |
| | 55L2 | KINLEITH LINK | WAHAROA E. JCN PT (12R) | WAHAROA S. JCN PT (8R) | 0 | - | 1 | 1 | 2 | 0.1 | 08:05 | 08:10 |
| | | RUN LIGHT | WAHAROA S. JCN PT (8R) | WAHAROA E. JCN PT (12R) | 0 | - | 1 | 1 | 2 | 0.1 | 08:10 | 08:15 |
| | | RUN LIGHT | WAHAROA E. JCN PT (12R) | WAHAROA E. JCN PT (14R) | | | | 1 | | 0.1 | 08:15 | 08:20 |
| | 51N1 | ECMT MR | WAHAROA E. JCN PT (14R) | WAHAROA W. JCN PT (18R) | | | | 1 | 1 | 0.1 | 08:20 | 08:25 |
| | | ECMT LOOPS | WAHAROA W. JCN PT (18R) | MORRINSVILLE | 53 | - | 28 | 25 | 4 | 0.7 | 08:35 | 09:15 |
| | 54C5 | WAITOA IND | MORRINSVILLE | WAITOA | 0 | - | 12 | 12 | 5 | 0.6 | 09:35 | 10:10 |
| | | RUN LIGHT | WAITOA | MORRINSVILLE | | | | 12 | | 0.6 | 10:10 | 10:45 |
| | | ECMT LOOPS | MORRINSVILLE | RUAKURA JCN PT | 28 | - | 7 | 21 | 4 | 1.2 | 10:50 | 12:00 |
| | 53C5 | HAUTAPU | RUAKURA JCN PT | HAUTAPU | 0 | - | 15 | 15 | 5 | 0.9 | 12:05 | 13:00 |
| | | RUN LIGHT | HAUTAPU | RUAKURA JCN PTS | | | | 15 | | 0.9 | 13:00 | 13:55 |
| | | ECMT LOOPS | RUAKURA JCN PT | HAMILTON | 7 | - | 0 | 7 | 4 | 0.3 | 14:00 | 14:15 |
| | | | | STABLE TE RAPA LOCO | | | | 174 | | 7.3 | | |

EM80 - NORTH ISLAND Programme: WEEK 4: NIMT, MISSION BUSH, ROTOWARO, NIMT DOWN

| DATE | ROUTE IDENTITY | START POINT | END POINT | KILOMETRAGE | EXTENT | TOL | TIME | DEPART | ARRIVE | | | |
|------------------|----------------|-----------------------|---------------------------------------|---------------------------------------|------------|----------|------------|-------------|----------|------------|--------------|--------------|
| TUESDAY | | RUN LIGHT | TE RAPA LOCO | | | | 1 | 08:50 | 09:00 | | | |
| 18-Apr-23 | 01A1 | NIMT MAIN LINE | HAMILTON (127 SIG or 149 SIG) | PUKEKOHE 625.64 km (Logans rd) | 543 | - | 626 | 82.6 | 1 | 2.3 | 09:00 | 11:20 |
| | | RUN LIGHT | PUKEKOHE 625.64 km (Logans rd) | PAERATA N. JCN PT | | | | 7.4 | | 0.3 | 11:20 | 11:35 |
| | 84A2 | MISSION BUSH | PAERATA N. JCN PT | MISSION BUSH | 0 | - | 17 | 17 | 2 | 0.5 | 11:35 | 12:05 |
| | | MISSION BUSH | ARR/DEPT ROADS & TRIANGLE | | | | | 3 | 5 | 0.6 | 12:05 | 12:40 |
| | | RUN LIGHT | MISSION BUSH | PAERATA W. JCN PT | | | | 16 | | 0.5 | 12:45 | 13:15 |
| | 84L2 | M. BUSH LINK | PAERATA W. JCN PT | PAERATA S. JCN PT | 0 | - | 1 | 1 | 2 | 0.2 | 13:20 | 13:30 |
| | | RUN LIGHT | PAERATA S. JCN PT | PUKEKOHE 625.64 km (Logans rd) | | | | 6.4 | | 0.2 | 13:30 | 13:40 |
| | | NIMT MAIN LINE | PUKEKOHE 625.64 km (Logans rd) | TE KAUPHATA | | | | 33.6 | | 0.9 | 13:40 | 14:35 |
| | | NIMT MAIN LINE | TE KAUPHATA | HUNTLY | | | | 19 | | 0.6 | 14:35 | 15:10 |
| | 52C5 | ROTOWARO | HUNTLY JCN PTS | ROTOWARO | 0 | - | 9 | 9 | 5 | 0.6 | 15:10 | 15:45 |
| | | RUN LIGHT | ROTOWARO | HUNTLY JCN PTS | | | | 9 | | 0.8 | 15:55 | 16:40 |
| | | NIMT MAIN LINE | HUNTLY | HAMILTON | | | | 30 | | 0.8 | 16:40 | 17:30 |
| | | | | STABLE TE RAPA LOCO | | | | 235 | | 8.3 | | |

EM80 - NORTH ISLAND Programme: WEEK 4 (cont) : NIMT UP, NIMT Loops, NIMT DOWN, Auckland Suburban, MANUKAU, SOUTHDOWN

| DATE | ROUTE IDENTITY | START POINT | END POINT | KILOMETRAGE | EXTENT | TOL | TIME | DEPART | ARRIVE | | | |
|-----------------------------|--------------------------------------|--|---|-------------|--------|-----|-----------|------------|--------------|--------------|-------|-------|
| WEDNESDAY | RUN LIGHT | TE RAPA LOCO | HAMILTON | | | | 2 | 0.1 | 20:50 | 20:55 | | |
| 19-Apr-23 | NIMT LOOPS | HAMILTON | HUNTLY | | | | 30 | 0.8 | 20:55 | 21:40 | | |
| | 01A1 NIMT LOOPS | HUNTLY | TE KAUPHATA | 574 - 592 | | | 18 | 1 | 0.5 | 21:45 | 22:15 | |
| | 01A1 NIMT LOOPS | TE KAUPHATA | PUKEKOHE 625.64 km (Logan Rd) | | | | 41 | 1 | 0.9 | 22:15 | 23:10 | |
| | 01A1 NIMT UP MAIN LINE | PUKEKOHE 625.64 km (Logan Rd) | PAPAKURA (2258B t/out) | 628 - 647 | | | A | 19 | 1 | 0.5 | 23:10 | 23:40 |
| 01PAPPLAT2 | Pap Plat 2 West Loop Papakura | PAPAKURA (2258B t/out) | PAPAKURA (2205 Sig) | | | | U | 1 | 2 | 0.2 | 23:40 | 23:50 |
| | RUN LIGHT PLAT 2 | PAPAKURA (2205 Sig) | PAPAKURA sth bshunt (2210 Sig) | | | | C | 1 | 2 | 0.1 | 23:50 | 23:55 |
| 01PAPPLAT3 | Pap Plat 3 West Main Papakura | PAPAKURA sth bshunt (2210 Sig) | PAPAKURA (2205 Sig) via 2275 xover | | | | K | 1 | 2 | 0.1 | 23:55 | 00:00 |
| 1001245 | xo 2281 XOVER 2281 | PAPAKURA (2205 Sig) via 2281 xover | PAPAKURA west loop (2220 Sig) | | | | L | 1 | 2 | 0.1 | 00:00 | 00:05 |
| | xo 2252 RUNLIGHT | PAPAKURA west loop (2220 Sig) | PAPAKURA (2207 Sig) | | | | A | 1 | 2 | 0.1 | 00:15 | 00:20 |
| 1001238 | xo 2271 XOVER 2271 | PAPAKURA (2207 Sig) via 2271 xover | PAPAKURA sth bshunt ALL (2210 Sig) | | | | N | 1 | 2 | 0.1 | 00:20 | 00:25 |
| | xo 2253 RUN LIGHT | PAPAKURA sth bshunt ALL (2210 Sig) | PAPAKURA (2258B t/out) | | | | D | 2 | 2 | 0.1 | 00:25 | 00:30 |
| | 01A1 NIMT UP MAIN | PAPAKURA (2258B t/out) (Via Orakei) | WESTFIELD 1503 SIG NAL (Via xo1570) | 647 - 667 | | | | 19.5 | 1 | 0.5 | 00:30 | 01:00 |
| Asset 7016702 | 01N1 (CM) NIMT CENTRE MAIN | WESTFIELD 1503 SIG NAL (Via xo1570) | OTAHUHU (dn main)(1610 Sig) | 667 - 664 | | | M | 2.5 | 1 | 0.2 | 01:00 | 01:10 |
| 1003638 | RUN LIGHT | OTAHUHU (dn main)(1610 Sig) | WESTFIELD 1603 SIG CM | 664 - 666 | | | E | 2 | 1 | 0.1 | 01:10 | 01:15 |
| | 01N1 NIMT DOWN MAIN | WESTFIELD 1603 SIG CM | WIRI 1809 SIG | 666 - 658 | | | T | 8 | 1 | 0.2 | 01:15 | 01:25 |
| | 86A2 MANUKAU DOWN | WIRI 1809 SIG | MANUKAU 1904 SIG | 0 - 2 | | | R | 2 | 2 | 0.2 | 01:25 | 01:35 |
| | MANUKAU PLATFORM | MANUKAU 1904 SIG | MANUKAU 1902 SIG | | | | O | 0.5 | | 0.2 | 01:35 | 01:45 |
| | 86N2 MANUKAU UP | MANUKAU 1902 SIG | WIRI 1815 SIG Up Main | | | | | 2 | | 0.2 | 01:45 | 01:55 |
| | RUN LIGHT | WIRI 1815 SIG Up Main | WIRI Dn main (2006 Sig) | | | | A | 3 | | 0.1 | 02:00 | 02:05 |
| 1004308 | 01WM1 West Main (sth) | WIRI Dn main (2006 Sig) | WIRI Up main (1810 Sig) (Via xo1856) | | | | U | 2 | 2 | 0.1 | 02:05 | 02:10 |
| 1003314 se | RUN LIGHT | WIRI Up main (1810 Sig) | MIDDLEMORE (1604 Sig) | 659 - 663 | | | C | 4 | 2 | 0.2 | 02:10 | 02:20 |
| 1004308 | 01WM1 West Main (sth) | MIDDLEMORE (1604 Sig) (Via xo1691) | WESTFIELD 1630 Sig Up Main | | | | K | 1 | 2 | 0.1 | 02:20 | 02:25 |
| | RUN LIGHT | WESTFIELD 1630 Sig Up Main | WESTFIELD (1506 Sig) Dn Main | | | | | 3 | 2 | 0.1 | 02:25 | 02:30 |
| | 80C5 SOUTHDOWN | WESTFIELD (1506 Sig) Dn Main | SOUTHDOWN (1537 Sig) | | | | M | 1 | 5 | 0.1 | 02:30 | 02:35 |
| | RUN LIGHT | SOUTHDOWN (1537 Sig) | OTAHUHU | | | | E | 3 | | 0.1 | 02:35 | 02:40 |
| | ARRIVAL 3 RD | OTAHUHU | WESTFIELD YARD OTAHUHU 3RD | | | | T | 1 | | 0.1 | 02:40 | 02:45 |
| SIGNALS AKD 10889243 | | | STABLE WESTFIELD LOCO | | | | | 170.5 | | 5.5 | | |

EM80 - NORTH ISLAND Programme: WEEK 4 (cont) : NEWMARKET, NAL LINK, ONEHUNGA, Southdown, Manukau

| DATE | ROUTE IDENTITY | START POINT | END POINT | KILOMETRAGE | EXTENT | TOL | TIME | DEPART | ARRIVE | | |
|----------------------|----------------|----------------------|--|--|-----------|-------|------|--------|--------|-------|-------|
| THURSDAY | RUN LIGHT | WESTFIELD | OTAHUHU | | A | 0.8 | 0.2 | 22:55 | 23:05 | | |
| 20-Apr-23 | RUN LIGHT | OTAHUHU | NEWMARKET (210 Signal) | | U | 0.8 | 0.3 | 23:05 | 23:20 | | |
| | 82A2 | NEWMARKET UP | NEWMARKET (210 Signal) (via up main) | BRITOMART PLAT #1 | 0 - 4 | C | 4 | 2 | 0.2 | 23:20 | 23:30 |
| 7014460 | 01A1 | NIMT Platform 2 | BRITOMART PLAT #1 (via 50 signal) | BRITOMART PLAT #2 | 682 - 681 | K | 1 | 1 | 0.2 | 23:30 | 23:40 |
| 1003638 | xo 47 | NIMT Platform 3 xo47 | BRITOMART PLAT #2 (via 42 signal) | BRITOMART PLAT #3 (via 47 pts) | 682 - 681 | | 1 | 1 | 0.2 | 23:40 | 23:50 |
| | 01N1 | NIMT DOWN MAIN | BRITOMART PLAT #3 (via down main) | 111 Signal AUCK or to BOL signal (14?) | 682 - 679 | M | 3 | 1 | 0.2 | 23:50 | 00:00 |
| | 01N1 | RUN LIGHT | 111 Signal AUCK or to BOL signal (14?) | STRAND PLATFORM | 682 - 679 | E | 3 | 1 | 0.2 | 00:00 | 00:10 |
| | 01N1 | RUN LIGHT UP MAIN | STRAND PLATFORM | 128 Signal AUCK or to BOL signal (11?) | 682 - 679 | T | 3 | 1 | 0.2 | 00:10 | 00:20 |
| | 01A1 | NIMT UP MAIN | 128 Signal AUCK or to BOL signal (11?) | BRITOMART PLAT #4 | 0 - 4 | R | 4 | 2 | 0.1 | 00:20 | 00:25 |
| | 82N2 | NEWMARKET DN | BRITOMART PLAT #4 (via down main) | NEWMARKET (206 Signal) | 4 - 0 | O | 4 | 2 | 0.2 | 00:25 | 00:35 |
| | | RUN LIGHT | NEWMARKET (206 Signal) | NEWMARKET (212 Signal) | | | 0.8 | 2 | 0.1 | 00:40 | 00:45 |
| | | Link (loop) | NEWMARKET (212 Signal) | NEWMARKET (205 Signal) | 3 - 0 | (loop | 3 | 2 | 0.1 | 00:50 | 00:55 |
| | 81L2 | NAL LINK 2 (dn) | NEWMARKET (205 Signal) via C2 | NEWMARKET (211 Signal) | | M | 0.8 | 2 | 0.2 | 00:55 | 01:05 |
| | 81L2 | NAL LINK 1 (up) | NEWMARKET (211 Signal) via A3 | NEWMARKET (205 Signal) | | E | 0.8 | 2 | 0.2 | 01:05 | 01:15 |
| | | RUN LIGHT | NEWMARKET (205 Signal) | PARNELL (27 Signal) via 20 xover | | T | 0.8 | 2 | 0.1 | 01:15 | 01:20 |
| | 82L2 | NEWMKT Link 1 | PARNELL (27 Signal) via 20 xover | 87 Signal PORT YD or 129 signal | 3 - 0 | R | 3 | 2 | 0.1 | 01:20 | 01:25 |
| | | RUN LIGHT | 87 Signal PORT YD or 129 signal | NEWMARKET | | O | 4 | 2 | 0.2 | 01:25 | 01:35 |
| | | RUN LIGHT | NEWMARKET | PENROSE (303 Signal) | | | 5 | 2 | 0.2 | 01:35 | 01:45 |
| | 83A1 | ONEHUNGA | PENROSE (303 Signal) | ONEHUNGA STATION | 0 - 4 | A | 4 | 1 | 0.3 | 01:50 | 02:05 |
| | | RUN LIGHT | ONEHUNGA | PENROSE JCN | | U | 4 | | 0.2 | 02:05 | 02:15 |
| | | RUN LIGHT | PENROSE JCN | WESTFIELD JCN | | C | 8 | | 0.1 | 02:15 | 02:20 |
| Asset 7016702 | 01N1 (C) | NIMT CENTRE MAIN | WESTFIELD JCN | OTAHUHU (dn main)(1610 Sig) | | K | 2 | | 0.1 | 02:20 | 02:25 |
| | | RUN LIGHT | OTAHUHU (dn main)(1610 Sig) | WESTFIELD YARD OTAHUHU 3RD | | | 8 | | 0.2 | 02:25 | 02:35 |
| SIGNALS AKD 10889243 | | | STABLE | WESTFIELD LOCO | | | 68.8 | | 3.4 | | |

EM80 - NORTH ISLAND Programme: WEEK 5: WEST MAIN, NAL UP, NAL LOOPS, NAL DN

| DATE | ROUTE IDENTITY | START POINT | END POINT | KILOMETRAGE | | EXTENT | TOL | TIME | DEPART | ARRIVE | |
|------------------|-----------------------------|--------------------------------|--------------------------------|-------------|------|------------|-------|------|--------|--------|-------|
| MONDAY | RUN LIGHT | WESTFIELD | OTAHUHU | | | A | 2 | 0.2 | 23:00 | 23:10 | |
| 01-May-23 | RUN LIGHT | OTAHUHU | WESTFIELD (1624 Sig) W Main | 0 | 3 | K | 3 | 1 | 0.1 | 23:10 | 23:15 |
| | 01A1 WEST MAIN (Freight) | WESTFIELD (1624 Sig) W Main | WESTFIELD (1512 Sig) W Main | | | D | 2 | 2 | 0.1 | 23:15 | 23:20 |
| | 01A1 WEST MAIN (Freight) | WESTFIELD (1512 Sig) W Main | WESTFIELD (JUNCTION) NAL Up | | | M | 1 | 2 | 0.1 | 23:20 | 23:25 |
| | 81A1 NAL UP | WESTFIELD (JUNCTION) NAL Up | PENROSE 305 SIGNAL | 0 | 3 | E | 3 | 1 | 0.2 | 23:25 | 23:35 |
| | 81A1 NAL UP | PENROSE 305 SIGNAL | NEWMARKET | 3 | 8.5 | T | 5.5 | 1 | 0.2 | 23:35 | 23:45 |
| | 81A1 NAL UP | NEWMARKET | SWANSON | 8.5 | - 32 | R | 23.5 | 1 | 0.7 | 23:45 | 00:25 |
| | 81A2 NAL UP | SWANSON | WAITAKERE | 32 | - 36 | O | 4 | 1 | 0.2 | 00:25 | 00:35 |
| | 81B3 NAL | WAITAKERE | HELENSVILLE- TAHEKEROA 80KM PE | 36 | - 80 | | 44 | 3 | 1.2 | 00:35 | 01:45 |
| | 81B3 NAL LOOPS | HELENSVILLE- TAHEKEROA 80KM PE | WAITAKERE | 80 | - 36 | | 44 | 3 | 1.2 | 01:45 | 02:55 |
| | 81N1 NAL DOWN | WAITAKERE | AVONDALE | 36 | 17.5 | AKD | 18.5 | 1 | 0.5 | 02:55 | 03:25 |
| | 81N1 NAL DOWN | AVONDALE | NEWMARKET | 17.5 | 8.5 | | 9 | 1 | 0.3 | 03:25 | 03:40 |
| | 81N1 NAL DOWN | NEWMARKET | WESTFIELD | 8.5 | 0 | M | 8.5 | 1 | 0.3 | 03:40 | 04:00 |
| | RUN LIGHT | WESTFIELD | OTAHUHU | | | E | 8 | | 0.2 | 04:00 | 04:10 |
| | RUN LIGHT | OTAHUHU | WESTFIELD YARD OTAHUHU | | | T | 1.5 | | 0.1 | 04:10 | 04:15 |
| | SIGNALS AKD 10889243 | | STABLE WESTFIELD | | | | 177.5 | | 5.3 | | |

EM80 - NORTH ISLAND Programme: WEEK 5 (cont): NIMT LOOPS, WEST MAIN MARTON, WAIRARAPA

| DATE | ROUTE IDENTITY | START POINT | END POINT | KILOMETRAGE | EXTENT | TOL | TIME | DEPART | ARRIVE | | | |
|------------------|----------------|---------------------|--------------------------------|-------------|--------|-----|------------|--------|--------|-------|-------|-------|
| WEDNESDAY | | RUN LIGHT | WESTFIELD DEPOT | | | | | | | | | |
| 03-May-23 | 01N1 | NIMT DN | OTAHUHU (1610 Sig) | 663 | - | 572 | AKD | 15 | 0.2 | 02:30 | 02:40 | |
| | 01N1 | NIMT DN | HUNTLY JCN PTS | 572 | - | 542 | MET | 91 | 1 | 2.3 | 02:40 | 05:00 |
| | | RUN LIGHT | TE RAPA | | | | | 30 | 1 | 0.8 | 05:00 | 05:45 |
| | | RUN LIGHT | TE RAPA LOCO | | | | | 3 | | 0.2 | 05:45 | 05:55 |
| | | NIMT LOOPS (as req) | HAMILTON EAST LOOP | | | | | 68 | 4 | 1.8 | 05:55 | 07:40 |
| | | TE KUITI | ELECTRIFIED ROADS | | | | | 3 | 4 | 0.2 | 07:40 | 07:50 |
| | | RUN LIGHT | TE KUITI | | | | | 78 | 4 | 2.1 | 08:05 | 10:10 |
| | | TAUMARUNUI | ELECTRIFIED ROADS | | | | | 5 | 4 | 0.2 | 10:10 | 10:20 |
| | | | STABLE TAUMARUNUI | | | | | 154 | | 4.2 | | |
| THURSDAY | | NIMT LOOPS (as req) | TAUMARUNUI | | | | | 51 | 4 | 1.4 | 07:20 | 08:45 |
| 04-May-23 | | NATIONAL PARK | ELECTRIFIED ROADS 1 Road | | | | | 2 | 4 | 0.2 | 08:45 | 08:55 |
| | | NIMT LOOPS (as req) | NATIONAL PARK | | | | | 95 | 4 | 2.5 | 08:55 | 11:25 |
| | | TAIHAPE | ELECTRIFIED ROADS 1 Road | | | | | 2 | 4 | 0.2 | 11:25 | 11:35 |
| | | NIMT LOOPS (as req) | TAIHAPE | | | | | 70 | 4 | 1.8 | 11:35 | 13:25 |
| | 01N1 | MARTON WEST MAIN | MARTON (18L) | | | | | 2 | 1 | 0.1 | 13:25 | 13:30 |
| | | MARTON | ELECTRIFIED ROADS | | | | | 2 | 4 | 0.2 | 13:30 | 13:40 |
| | | NIMT LOOPS (as req) | MARTON | | | | | 45 | 4 | 1.1 | 13:40 | 14:45 |
| | | | STABLE PALM NTH NETWORK SIDING | | | | | 119 | | 3.2 | | |
| FRIDAY | | RUN LIGHT | PALMERSTON NORTH | | | | | 27 | | 1.0 | 07:30 | 08:30 |
| 05-May-23 | 71L3 | WAIR LINK | WOODVILLE JCN PT | 0 | - | 1 | | 1 | 3 | 0.1 | 08:30 | 08:35 |
| | | WAIR LOOPS | WOODVILLE | | | | | 80 | 4 | 3.2 | 08:35 | 11:45 |
| | 71B3 | WAIRARAPA | MASTERTON | 91 | - | 172 | | 81 | 3 | 3.0 | 12:00 | 15:00 |
| | | PNGL LOOPS | WOODVILLE | | | | | 27 | 4 | 0.8 | 15:10 | 16:00 |
| | | | STABLE PALM NTH NETWORK SIDING | | | | | 216 | | 8.1 | | |

EM80 - NORTH ISLAND Programme: WEEK 6: NIMT, WELLINGTON METRO: NIMT DOWN

| DATE | ROUTE IDENTITY | START POINT | END POINT | KILOMETRAGE | EXTENT | TOL | TIME | DEPART | ARRIVE | | | |
|-----------|----------------------|------------------|-------------------------------------|-----------------------------------|--------|------|-------|--------|--------|-----|-------|-------|
| MONDAY | 01A1 | MAIN LINE | PALMERSTON NORTH | WAIKANAЕ | | | Otaki | 77.5 | 4 | 2.8 | 20:45 | 23:35 |
| 08-May-23 | | NIMT LOOPS | WAIKANAЕ | WAIKANAЕ (26L SIG) | 58.5 | - 57 | | 1.5 | 1 | 0.3 | 23:35 | 23:50 |
| | | WKN ETB RD | WAIKANAЕ (26L SIG) | EAST TURN BACK ROAD | 57 | - 58 | | 1 | 1 | 0.1 | 23:50 | 23:55 |
| | 01W1 | NIMT DOWN MAIN | EAST TURN BACK ROAD | PARAPARAUMU | 58 | - 48 | | 10 | 1 | 0.3 | 00:00 | 00:20 |
| | 01W1 | NIMT DOWN MAIN | PARAPARAUMU | WELLINGTON PLAT 9 (via Down main) | 49 | - 2 | W | 47 | 1 | 1.2 | 00:20 | 01:30 |
| | 01CM1 | NIMT CENTRE MAIN | WELLINGTON PLAT 9 (via centre main) | WELLINGTON JCN 30 SIG | 0 | - 17 | G | 17 | 1 | 0.2 | 01:30 | 01:40 |
| | | WGТN PLATS | WELLINGTON JCN 30 SIG | WELLINGTON PLAT #6 | | | T | 1 | | 0.2 | 01:40 | 01:50 |
| | 01A1 | WGТN PLATS | WELLINGTON PLAT #6 | UNIT DEPOT (W1) | 0 | - 1 | N | 1 | 3 | 0.1 | 01:50 | 01:55 |
| | | WGТN PLATS | UNIT DEPOT (W1) | WELLINGTON PLAT #7 | | | | 1 | 3 | 0.1 | 01:55 | 02:00 |
| | 01A1 | WGТN PLATS | WELLINGTON PLAT #7 | UNIT DEPOT (R2) | 0 | - 1 | M | 1 | | 0.1 | 02:00 | 02:05 |
| | | WGТN PLATS | UNIT DEPOT (R2) | WELLINGTON PLAT #4 | 0 | - 1 | E | 1 | 3 | 0.1 | 02:05 | 02:10 |
| | 01A1 | WGТN PLATS | WELLINGTON PLAT #4 | UNIT DEPOT JCN PTS (M1) | | | T | 1 | 3 | 0.2 | 02:10 | 02:20 |
| | | WGТN PLATS | UNIT DEPOT JCN PTS (M1) | WELLINGTON PLAT #2 | | | R | 1 | | 0.1 | 02:20 | 02:25 |
| | 01A1 | WGТN PLATS | WELLINGTON PLAT #2 | WELLINGTON YARD (G2) | 0 | - 1 | O | 1 | 3 | 0.2 | 02:25 | 02:35 |
| | | WGТN PLATS | WELLINGTON YARD (G2) | WELLINGTON PLAT #5 | | | | 1 | | 0.1 | 02:35 | 02:40 |
| | 01A1 | WGТN PLATS | WELLINGTON PLAT #5 | TURNTABLE JCN PTS (F1) | 0 | - 1 | | 1 | 3 | 0.2 | 02:40 | 02:50 |
| | SIGNALS PMN 10889351 | | | | | | | | | | | |
| | SIGNALS WLG 10889396 | | STABLE | WELLINGTON LOCO | | | | 164 | | 6.0 | | |

EM80 - NORTH ISLAND Programme: WEEK 6 (cont): WELLINGTON METRO: WAIRARAPA UP, JOHNSONVILLE, MELLING, NIMT UP, NIMT LOOPS

| DATE | ROUTE IDENTITY | START POINT | END POINT | KILOMETRAGE | EXTENT | TOL | TIME | DEPART | ARRIVE | |
|-----------|---------------------|-------------------------------|-------------------------------|-------------|--------|-----|------|--------|--------|-------|
| WEDNESDAY | RUN LIGHT | WELLINGTON LOCO E4 | WOBURN | | W | 13 | 0.3 | 23:10 | 23:30 | |
| 10-May-23 | RUN LIGHT | WOBURN | TRENTHAM (902 Signal) | 14 - 29 | G | 15 | 1 | 0.4 | 23:30 | 23:55 |
| | XOver 950 | TRENTHAM (902 Signal) up main | UPPER HUTT (via down main) | 29 - 32 | T | 3 | 1 | 0.2 | 23:55 | 00:05 |
| | 71A1 WAIRARAPA UP | UPPER HUTT (1003 signal) | MASTERTON | 32 - 91 | N | 59 | 1 | 1.4 | 00:05 | 01:30 |
| | WAIR LOOPS | MASTERTON | TRENTHAM (907 Signal) up main | | M | 62 | 4 | 1.5 | 01:40 | 03:10 |
| | xo 951 XOver 951 | TRENTHAM (907 Signal) up main | TRENTHAM (904 Signal) dn main | | E | 2 | 4 | 0.1 | 03:10 | 03:15 |
| | RUN LIGHT | TRENTHAM (904 Signal) dn main | WGTM JCN WAIRARAPA LINE | 29 - 2 | T | 27 | 1 | 0.8 | 03:15 | 04:00 |
| | xo 1 E4 via XOVER 1 | WGTM JCN WAIRARAPA LINE | WELLINGTON E4 | 0 - 1 | O | 1 | 3 | 0.1 | 04:00 | 04:05 |

SIGNALS WLG 10889396

STABLE WELLINGTON LOCO 182 4.8

| | | | | | | | | | | |
|-----------|------|--------------|--------------------------------|------------------|----|----|-----|-------|-------|-------|
| THURSDAY | 01A1 | WGTM PLATS | WELLINGTON LOCO VIA G1 | WGTM STN PLAT #3 | W | 2 | 0.2 | 21:50 | 22:00 | |
| 11-May-23 | | RUN LIGHT | WGTM STN PLAT #3 | 46 SIGNAL | G | 11 | 2 | 0.1 | 22:05 | 22:10 |
| | | RUN LIGHT | 46 SIGNAL | WGTM STN PLAT #1 | T | 11 | 2 | 0.1 | 22:10 | 22:15 |
| | 74A2 | J/VILLE UP | WGTM STN PLAT #1 | JOHNSONVILLE | N | 11 | 2 | 0.6 | 22:20 | 22:55 |
| | 74N2 | J/VILLE DOWN | JOHNSONVILLE | WGTM STN PLAT #9 | ME | 11 | 2 | 0.6 | 23:00 | 23:35 |
| | 01U1 | NIMT UP | WGTM STN PLAT #9 (via up main) | PARAPARAUMU | T | 48 | 1 | 1.0 | 23:35 | 00:35 |
| | 01U1 | NIMT UP | PARAPARAUMU | TE HORO (LOOP) | R | 15 | 1 | 0.3 | 00:35 | 00:55 |
| | | NIMT LOOPS | TE HORO (LOOP) | WELLINGTON E4 | O | 73 | 1 | 1.4 | 01:05 | 02:30 |

SIGNALS WLG 10889396

STABLE WELLINGTON LOCO 291 7.6

EM80 - NORTH ISLAND Programme: WEEK 7: WGTN ARRIVALS AND WHEEL LATHE

| DATE | ROUTE IDENTITY | START POINT | END POINT | KILOMETRAGE | EXTENT | TOL | TIME | DEPART | ARRIVE |
|-------------------|----------------|---------------------------------|---------------------|-------------|--------|-----|------|--------|--------|
| MONDAY | E4 | WGTN LOCO | FERRY TERMINAL YARD | | 1 | 5 | 0.2 | 09:30 | 09:40 |
| 15-May-23 | WGTN | FERRY TERMINAL YARD | | 0 - 3 | 3 | 5 | 1.2 | 09:45 | 10:55 |
| | E3 | FERRY TERMINAL YARD | WGTN YARD | 1 0 | 1 | 5 | 0.2 | 10:55 | 11:05 |
| | WELLINGTON | ARRIVAL DEPARTURE ROADS FROM E5 | | | 6 | 5 | 1.8 | 11:05 | 12:50 |
| | WELLINGTON | LOCO RUNNING ROADS | | | 6 | 5 | 0.7 | 12:50 | 13:30 |
| STABLE WELLINGTON | | | | | | | | | |
| 17-May-23 | | | | | | | | | |
| 18-May-23 | NO RECORDING | WHEEL LATHE WELLINGTON | | | | | | | |
| 19-May-23 | | STABLE WELLINGTON LOCO | | | | | | | |

EM80 - NORTH ISLAND Programme: WEEK 8: NIMT LOOPS: WANGANUI, CASTLECLIFF, PALMERSTON NORTH ARRIVALS

| DATE | ROUTE IDENTITY | START POINT | END POINT | KILOMETRAGE | | | EXTENT | TOL | TIME | DEPART | ARRIVE | |
|------------------------|-------------------|-----------------------------------|------------------------------------|--------------------------------|---|-----|--------|-----|------|--------|--------|-------|
| MONDAY 22-May-23 | RIGHT LIGHT | WGTM STN PLAT #9 | PARAPARAUMU | 0 | - | 48 | 48 | 1 | 1.0 | 00:35 | 01:35 | |
| | RUN LIGHT | PARAPARAUMU | TE HORO | 48 | - | 63 | 15 | 1 | 0.3 | 01:35 | 01:55 | |
| | NIMT LOOPS | TE HORO | PALMERSTON NORTH | 63 | - | 136 | 73 | 1 | 2.2 | 02:00 | 04:10 | |
| SIGNALS PMN 10889351 | | | STABLE PALM NTH NETWORK SIDING | | | | 136 | | 3.5 | | | |
| WEDNESDAY 24-May-23 | RUN LIGHT | PALMERSTON NORTH | MARTON | | | | 45 | | 1.3 | 07:00 | 08:15 | |
| | RUN LIGHT | MARTON | EAST TOWN | 0 | - | 131 | 131 | 2 | 1.0 | 08:20 | 09:20 | |
| | RUN LIGHT | EAST TOWN | ARAMOHO JCN PT | | | | 2 | | 0.1 | 09:20 | 09:25 | |
| | LOOP EASTTOWN NT | ARAMOHO JCN PT | EASTTOWN STH STATION LIMITS | 0 | - | 5 | 5 | 4 | 0.2 | 09:25 | 09:35 | |
| | LOOP EASTTOWN ST | EASTTOWN STH STATION LIMITS | ARAMOHO JCN PT | 0 | - | 5 | 5 | 4 | 0.2 | 09:35 | 09:45 | |
| | 42B5 | WANGANUI | ARAMOHO JCN PT | WANGANUI FREIGHT | 0 | - | 5 | 5 | 5 | 0.3 | 09:45 | 10:05 |
| | 43B5 | CASTLECLIFF | WANGANUI FREIGHT | CASTLECLIFF | 1 | - | 5 | 4 | 5 | 0.3 | 10:05 | 10:25 |
| | | RUN LIGHT | CASTLECLIFF | WANGANUI FREIGHT | | | | 4 | | 0.3 | 10:25 | 10:45 |
| | | RUN LIGHT | EASTTOWN STH STATION LIMITS | EASTTOWN | | | | 6 | | 0.4 | 10:45 | 11:10 |
| | | MNPL LOOPS | EASTTOWN | MARTON | | | | 41 | 4 | 1.2 | 11:15 | 12:25 |
| | 41L4 | MNPL LINK | MARTON (8L Signal) (via west loop) | MARTON (4R Signal) | 0 | - | 3 | 3 | 4 | 0.2 | 12:25 | 12:35 |
| | NIMT LOOPS as req | MARTON (4R Signal) | PALMERSTON NORTH Network Siding | | | | 44 | 4 | 1.3 | 12:35 | 13:50 | |
| SIGNALS WGI 10889259 | | | STABLE PALM NTH NETWORK SIDING | | | | 119 | | 4.4 | | | |
| THURSDAY 25-May-23 | PALM NTH | ELECTRIFIED ROADS 1 - 5 & CT SITE | | | | | 12 | 5 | 2.5 | 08:30 | 11:00 | |
| | PALM NTH | ARRIVAL DEPARTURE ROADS | | | | | 6 | 5 | 2.5 | 11:00 | 13:30 | |
| | BACK RD LOOP | PALMERSTON NORTH | PALMERSTON NORTH | | | | 1 | 4 | 0.2 | 13:30 | 13:40 | |
| | FLYOVER | PALMERSTON NORTH | PALMERSTON NTH LOCO | | | | 2 | 4 | 0.5 | 13:40 | 14:10 | |
| | | | | STABLE PALM NTH NETWORK SIDING | | | | 21 | | 5.7 | | |

EM80 - NORTH ISLAND Programme: WEEK 4 (cont) : NIMT UP, NIMT Loops, NIMT DOWN, Auckland Suburban, MANUKAU, SOUTHDOWN

| DATE | ROUTE IDENTITY | START POINT | END POINT | KILOMETRAGE | EXTENT | TOL | TIME | DEPART | ARRIVE | |
|-----------------------------|--------------------------------------|--|---|-------------|-----------|-------|------------|--------------|--------------|-------|
| THURSDAY | RUN LIGHT | TE RAPA LOCO | HAMILTON | | 2 | | 0.1 | 20:50 | 20:55 | |
| 20-Apr-23 | NIMT LOOPS | HAMILTON | HUNTLY | | 30 | | 0.8 | 20:55 | 21:40 | |
| | 01A1 NIMT LOOPS | HUNTLY | TE KAUPHATA | 574 - 592 | 18 | 1 | 0.5 | 21:45 | 22:15 | |
| | 01A1 NIMT LOOPS | TE KAUPHATA | PUKEKOHE 625.64 km (Logan Rd) | | 41 | 1 | 0.9 | 22:15 | 23:10 | |
| | 01A1 NIMT UP MAIN LINE | PUKEKOHE 625.64 km (Logan Rd) | PAPAKURA (2258B t/out) | 628 - 647 | A | 19 | 1 | 0.5 | 23:10 | 23:40 |
| 01PAPPLAT2 | Pap Plat 2 West Loop Papakura | PAPAKURA (2258B t/out) | PAPAKURA (2205 Sig) | | U | 1 | 2 | 0.2 | 23:40 | 23:50 |
| | RUN LIGHT PLAT 2 | PAPAKURA (2205 Sig) | PAPAKURA sth bshunt (2210 Sig) | | C | 1 | 2 | 0.1 | 23:50 | 23:55 |
| 01PAPPLAT3 | Pap Plat 3 West Main Papakura | PAPAKURA sth bshunt (2210 Sig) | PAPAKURA (2205 Sig) via 2275 xover | | K | 1 | 2 | 0.1 | 23:55 | 00:00 |
| 1001245 | xo 2281 XOVER 2281 | PAPAKURA (2205 Sig) via 2281 xover | PAPAKURA west loop (2220 Sig) | | L | 1 | 2 | 0.1 | 00:00 | 00:05 |
| | xo 2252 RUNLIGHT | PAPAKURA west loop (2220 Sig) | PAPAKURA (2207 Sig) | | A | 1 | 2 | 0.1 | 00:15 | 00:20 |
| 1001238 | xo 2271 XOVER 2271 | PAPAKURA (2207 Sig) via 2271 xover | PAPAKURA sth bshunt ALL (2210 Sig) | | N | 1 | 2 | 0.1 | 00:20 | 00:25 |
| | xo 2253 RUN LIGHT | PAPAKURA sth bshunt ALL (2210 Sig) | PAPAKURA (2258B t/out) | | D | 2 | 2 | 0.1 | 00:25 | 00:30 |
| | 01A1 NIMT UP MAIN | PAPAKURA (2258B t/out) (Via Orakei) | WESTFIELD 1503 SIG NAL (Via xo1570) | 647 - 667 | | 19.5 | 1 | 0.5 | 00:30 | 01:00 |
| Asset 7016702 | 01N1 (CM) NIMT CENTRE MAIN | WESTFIELD 1503 SIG NAL (Via xo1570) | OTAHUHU (dn main)(1610 Sig) | 667 - 664 | M | 2.5 | 1 | 0.2 | 01:00 | 01:10 |
| 1003638 | RUN LIGHT | OTAHUHU (dn main)(1610 Sig) | WESTFIELD 1603 SIG CM | 664 - 666 | E | 2 | 1 | 0.1 | 01:10 | 01:15 |
| | 01N1 NIMT DOWN MAIN | WESTFIELD 1603 SIG CM | WIRI 1809 SIG | 666 - 658 | T | 8 | 1 | 0.2 | 01:15 | 01:25 |
| | 86A2 MANUKAU DOWN | WIRI 1809 SIG | MANUKAU 1904 SIG | 0 - 2 | R | 2 | 2 | 0.2 | 01:25 | 01:35 |
| | MANUKAU PLATFORM | MANUKAU 1904 SIG | MANUKAU 1902 SIG | | O | 0.5 | | 0.2 | 01:35 | 01:45 |
| | 86N2 MANAKAU UP | MANUKAU 1902 SIG | WIRI 1815 SIG Up Main | | | 2 | | 0.2 | 01:45 | 01:55 |
| | RUN LIGHT | WIRI 1815 SIG Up Main | WIRI Dn main (2006 Sig) | | A | 3 | | 0.1 | 02:00 | 02:05 |
| 1004308 | 01WM1 West Main (sth) | WIRI Dn main (2006 Sig) | WIRI Up main (1810 Sig) (Via xo1856) | | U | 2 | 2 | 0.1 | 02:05 | 02:10 |
| 1003314 se | RUN LIGHT | WIRI Up main (1810 Sig) | MIDDLEMORE (1604 Sig) | 659 - 663 | C | 4 | 2 | 0.2 | 02:10 | 02:20 |
| 1004308 | 01WM1 West Main (sth) | MIDDLEMORE (1604 Sig) (Via xo1691) | WESTFIELD 1630 Sig Up Main | | K | 1 | 2 | 0.1 | 02:20 | 02:25 |
| | RUN LIGHT | WESTFIELD 1630 Sig Up Main | WESTFIELD (1506 Sig) Dn Main | | | 3 | 2 | 0.1 | 02:25 | 02:30 |
| | 80C5 SOUTHDOWN | WESTFIELD (1506 Sig) Dn Main | SOUTHDOWN (1537 Sig) | | M | 1 | 5 | 0.1 | 02:30 | 02:35 |
| | RUN LIGHT | SOUTHDOWN (1537 Sig) | OTAHUHU | | E | 3 | | 0.1 | 02:35 | 02:40 |
| | ARRIVAL 3 RD | OTAHUHU | WESTFIELD YARD OTAHUHU 3RD | | T | 1 | | 0.1 | 02:40 | 02:45 |
| SIGNALS AKD 10889243 | | | STABLE WESTFIELD LOCO | | | 170.5 | | 5.5 | | |

EM80 - NORTH ISLAND Programme: WEEK 6: WHEEL LATHE WESTFIELD

| DATE | ROUTE IDENTITY | START POINT | END POINT | KILOMETRAGE | EXTENT | TOL | TIME | DEPART | ARRIVE |
|-----------|----------------|--|-----------|-------------|--------|-----|------|--------|--------|
| 01-May-23 | | WHEEL LATHING OF EM80 WHEELS NOW BROUGHT FORWARD TO BE DONE IN WESTFIELD DUE TO THEIR CONDITION CHANGING | | | | | | | |
| 02-May-23 | | DURING THE RUN WHICH ENFORCING A DROP IN RUNNING SPEED OF THE MACHINE | | | | | | | |
| 03-May-23 | | NO RECORDING FOR THE WEEK WHILE THE WHEELS ARE WHEEL LATHED | | | | | | | |
| 04-May-23 | | WHEEL LATHE WESTFIELD 2- 4TH MAY | | | | | | | |
| 05-May-23 | | STABLE WESTFIELD LOCO OR WESTFIELD WHEEL LATHE | | | | | | | |

EM80 PROGRAMME WILL RESUME ON THE 8TH MAY AFTER WHEELS ARE WHEEL LATHED

EM80 - NORTH ISLAND Programme: WEEK 7 : NEWMARKET, NAL LINK, ONEHUNGA, Southdown, Manukau

| DATE | ROUTE IDENTITY | START POINT | END POINT | KILOMETRAGE | EXTENT | TOL | TIME | DEPART | ARRIVE |
|-----------------------------|-----------------|-----------------------------|---|---|------------------|--------|------|--------------|--------------|
| MONDAY | | RUN LIGHT | WESTFIELD | OTAHUHU | | | | 22:55 | 23:05 |
| 08-May-23 | | RUN LIGHT | OTAHUHU | NEWMARKET (210 Signal) | | | | 23:05 | 23:20 |
| | 82A2 | NEWMARKET UP | NEWMARKET (210 Signal) (via up main) | BRITOMART PLAT #1 | 0 - 4 | | | 23:20 | 23:30 |
| 7014460 | 01A1 | NIMT Platform 2 | BRITOMART PLAT #1 (via 50 signal) | BRITOMART PLAT #2 | 682 - 681 | | | 23:30 | 23:40 |
| 1003638 | xo 47 | NIMT Platform 3 xo47 | BRITOMART PLAT #2 (via 42 signal) | BRITOMART PLAT #3 (via 47 pts) | 682 - 681 | | | 23:40 | 23:50 |
| | 01N1 | NIMT DOWN MAIN | BRITOMART PLAT #3 (via down main) | 111 Signal AUCK or to BOL signal (14?) | 682 - 679 | | | 23:50 | 00:00 |
| | 01N1 | RUN LIGHT | 111 Signal AUCK or to BOL signal (14?) | STRAND PLATFORM | 682 - 679 | | 0.2 | 00:00 | 00:10 |
| | 01N1 | RUN LIGHT UP MAIN | STRAND PLATFORM | 128 Signal AUCK or to BOL signal (11?) | 682 - 679 | | 0.2 | 00:10 | 00:20 |
| | 01A1 | NIMT UP MAIN | 128 Signal AUCK or to BOL signal (11?) | BRITOMART PLAT #4 | 0 - 4 | | | 00:20 | 00:25 |
| | 82N2 | NEWMARKET DN | BRITOMART PLAT #4 (via down main) | NEWMARKET (206 Signal) | 4 - 0 | | | 00:25 | 00:35 |
| | | RUN LIGHT | NEWMARKET (206 Signal) | NEWMARKET (212 Signal) | | | 0.8 | 00:40 | 00:45 |
| | | Link (loop) | NEWMARKET (212 Signal) | NEWMARKET (205 Signal) | 3 - 0 | (loop) | 0.8 | 00:50 | 00:55 |
| | 81L2 | NAL LINK 2 (dn) | NEWMARKET (205 Signal) via C2 | NEWMARKET (211 Signal) | | | 0.8 | 00:55 | 01:05 |
| | 81L2 | NAL LINK 1 (up) | NEWMARKET (211 Signal) via A3 | NEWMARKET (205 Signal) | | | 0.8 | 01:05 | 01:15 |
| | | RUN LIGHT | NEWMARKET (205 Signal) | PARNELL (27 Signal) via 20 xover | | | 0.8 | 01:15 | 01:20 |
| | 82L2 | NEWMKT Link 1 | PARNELL (27 Signal) via 20 xover | 87 Signal PORT YD or 129 signal | 3 - 0 | | | 01:20 | 01:25 |
| | | RUN LIGHT | 87 Signal PORT YD or 129 signal | NEWMARKET | | | 0.8 | 01:25 | 01:35 |
| | | RUN LIGHT | NEWMARKET | PENROSE (303 Signal) | | | 5 | 01:35 | 01:45 |
| | 83A1 | ONEHUNGA | PENROSE (303 Signal) | ONEHUNGA STATION | 0 - 4 | | | 01:50 | 02:05 |
| | | RUN LIGHT | ONEHUNGA | PENROSE JCN | | | 4 | 02:05 | 02:15 |
| | | RUN LIGHT | PENROSE JCN | WESTFIELD JCN | | | 8 | 02:15 | 02:20 |
| Asset 7016702 | 01N1 (C) | NIMT CENTRE MAIN | WESTFIELD JCN | OTAHUHU (dn main)(1610 Sig) | | | 2 | 02:20 | 02:25 |
| | | RUN LIGHT | OTAHUHU (dn main)(1610 Sig) | WESTFIELD YARD OTAHUHU 3RD | | | 8 | 02:25 | 02:35 |
| SIGNALS AKD 10889243 | | | STABLE WESTFIELD LOCO | | | | 68.8 | 3.4 | |

EM80 - NORTH ISLAND Programme: WEEK 7: WEST MAIN, NAL UP, NAL LOOPS, NAL DN

| DATE | ROUTE IDENTITY | START POINT | END POINT | KILOMETRAGE | | EXTENT | TOL | TIME | DEPART | ARRIVE | |
|------------------|---------------------------------------|--|--------------------------------|--------------------|-----------|------------|-------|------|--------------|--------------|-------|
| TUESDAY | RUN LIGHT | WESTFIELD | OTAHUHU | | | A | 2 | 0.2 | 23:00 | 23:10 | |
| 09-May-23 | RUN LIGHT | OTAHUHU | WESTFIELD (1624 Sig) W Main | 0 | 3 | K | 3 | 1 | 0.1 | 23:10 | 23:15 |
| | 01A1 | WEST MAIN (Freight) | WESTFIELD (1624 Sig) W Main | | | D | 2 | 2 | 0.1 | 23:15 | 23:20 |
| | 01A1 | WEST MAIN (Freight) | WESTFIELD (1512 Sig) W Main | | | M | 1 | 2 | 0.1 | 23:20 | 23:25 |
| | 81A1 | NAL UP | WESTFIELD (JUNCTION) NAL Up | 0 | 3 | E | 3 | 1 | 0.2 | 23:25 | 23:35 |
| | 81A1 | NAL UP | PENROSE 305 SIGNAL | 3 | 8.5 | T | 5.5 | 1 | 0.2 | 23:35 | 23:45 |
| | 81A1 | NAL UP | NEWMARKET | 8.5 | - 32 | R | 23.5 | 1 | 0.7 | 23:45 | 00:25 |
| | 81A2 | NAL UP | SWANSON | 32 | - 36 | O | 4 | 1 | 0.2 | 00:25 | 00:35 |
| | 81B3 | NAL | WAITAKERE | 36 | - 80 | | 44 | 3 | 1.2 | 00:35 | 01:45 |
| | 81B3 | NAL LOOPS | HELENSVILLE- TAHEKEROA 80KM PE | 80 | - 36 | | 44 | 3 | 1.2 | 01:45 | 02:55 |
| | 81N1 | NAL DOWN | WAITAKERE | 36 | 17.5 | AKD | 18.5 | 1 | 0.5 | 02:55 | 03:25 |
| | 81N1 | NAL DOWN | AVONDALE | 17.5 | 8.5 | | 9 | 1 | 0.3 | 03:25 | 03:40 |
| | 81N1 | NAL DOWN | NEWMARKET | 8.5 | 0 | M | 8.5 | 1 | 0.3 | 03:40 | 04:00 |
| | | RUN LIGHT | WESTFIELD | | | E | 8 | | 0.2 | 04:00 | 04:10 |
| | | RUN LIGHT | OTAHUHU | | | T | 1.5 | | 0.1 | 04:10 | 04:15 |
| | SIGNALS AKD 10889243 | | STABLE WESTFIELD | | | | 177.5 | | 5.3 | | |
| THURSDAY | WIRI WESTFIELD & SOUTHDOWN | ANYTHING NOT RECORDED ON THE 20TH APRIL IN METRO DUE TO THE SLOWER TRAVELLING SPEED WILL BE RECORDED PRIOR TO EM80 DEPARTING AT 0230, (WEST MAINS & SOUTHDOWN POSSIBLY) | | | | | | | 01:30 | 02:30 | |
| 11-May-23 | | RUN LIGHT | WESTFIELD DEPOT | OTAHUHU (1610 Sig) | | AKD | 15 | | 0.2 | 02:30 | 02:40 |
| | 01N1 | NIMT DN | OTAHUHU (1610 Sig) | HUNTLY JCN PTS | 663 - 572 | MET | 91 | 1 | 2.3 | 02:40 | 05:00 |
| | 01N1 | NIMT DN | HUNTLY JCN PTS | TE RAPA | 572 - 542 | | 30 | 1 | 0.8 | 05:00 | 05:45 |
| | | RUN LIGHT | TE RAPA | TE RAPA LOCO | | | 3 | | 0.2 | 05:45 | 05:55 |
| | SIGNALS AKD 10889243 | | STABLE TE RAPA LOCO | | | | 316.5 | | 8.7 | | |

EM80 - NORTH ISLAND Programme: WEEK 8: NIMT, MISSION BUSH, NIMT DOWN, WAITOA, HAUTAPU, NIMT LOOPS

| DATE | ROUTE IDENTITY | START POINT | END POINT | KILOMETRAGE | EXTENT | TOL | TIME | DEPART | ARRIVE | | | |
|------------------|----------------|-------------------------|---------------------------------------|---------------------------------------|------------|----------|-------------|-------------|--------------|--------------|--------------|--------------|
| TUESDAY | | RUN LIGHT | TE RAPA LOCO | | | | 1 | 08:50 | 09:00 | | | |
| 16-May-23 | 01A1 | NIMT MAIN LINE | HAMILTON (127 SIG or 149 SIG) | PUKEKOHE 625.64 km (Logans rd) | 543 | - | 626 | 82.6 | 1 | 2.3 | 09:00 | 11:20 |
| | | RUN LIGHT | PUKEKOHE 625.64 km (Logans rd) | PAERATA N. JCN PT | | | 7.4 | 11:20 | 11:35 | | | |
| | 84A2 | MISSION BUSH | PAERATA N. JCN PT | MISSION BUSH | 0 | - | 17 | 17 | 2 | 0.5 | 11:35 | 12:05 |
| | | MISSION BUSH | ARR/DEPT ROADS & TRIANGLE | | | | 3 | 5 | 0.6 | 12:05 | 12:40 | |
| | | RUN LIGHT | MISSION BUSH | PAERATA W. JCN PT | | | 16 | 12:45 | 13:15 | | | |
| | 84L2 | M. BUSH LINK | PAERATA W. JCN PT | PAERATA S. JCN PT | 0 | - | 1 | 1 | 2 | 0.2 | 13:20 | 13:30 |
| | | RUN LIGHT | PAERATA S. JCN PT | PUKEKOHE 625.64 km (Logans rd) | | | 6.4 | 13:30 | 13:40 | | | |
| | | NIMT MAIN LINE | PUKEKOHE 625.64 km (Logans rd) | TE KAUPHATA | | | 33.6 | 0.9 | 13:40 | 14:35 | | |
| | | NIMT MAIN LINE | TE KAUPHATA | HUNTLY | | | 19 | 0.6 | 14:35 | 15:10 | | |
| | | NIMT MAIN LINE | HUNTLY | HAMILTON | | | 30 | 0.8 | 15:10 | 16:00 | | |
| | | | | STABLE TE RAPA LOCO | | | 217 | 7.0 | | | | |
| WEDNESDAY | | RUN LIGHT | TE RAPA | MORRINSVILLE | 0 | - | 28 | 28 | 4 | 0.0 | 09:10 | 09:50 |
| 17-May-23 | 54C5 | WAITOA IND | MORRINSVILLE | WAITOA | 0 | - | 12 | 12 | 5 | 0.0 | 09:50 | 10:25 |
| | | RUN LIGHT | WAITOA | MORRINSVILLE | | | 12 | 10:25 | 11:00 | | | |
| | | RUN LIGHT | MORRINSVILLE | RUAKURA JCN PT | 28 | - | 7 | 21 | 4 | 0.0 | 11:05 | 12:15 |
| | 53C5 | HAUTAPU | RUAKURA JCN PT | HAUTAPU | 0 | - | 15 | 15 | 5 | 0.0 | 12:20 | 13:15 |
| | | RUN LIGHT | HAUTAPU | RUAKURA JCN PTS | | | 15 | 13:15 | 14:10 | | | |
| | | RUN LIGHT | RUAKURA JCN PT | HAMILTON | 7 | - | 0 | 7 | 4 | 0.0 | 14:15 | 14:30 |
| | | | | STABLE TE RAPA LOCO | | | 544 | 14.0 | | | | |
| THURSDAY | | NIMT LOOPS | TE RAPA | TE KUITI | | | 68 | 4 | 1.8 | 07:15 | 09:00 | |
| 18-May-23 | | TE KUITI | ELECTRIFIED ROADS | | | | 3 | 4 | 0.2 | 09:00 | 09:10 | |
| | | RUN LIGHT | TE KUITI | TAUMARUNUI | | | 78 | 4 | 2.1 | 09:25 | 11:30 | |
| | | TAUMARUNUI | ELECTRIFIED ROADS | | | | 5 | 4 | 0.2 | 11:30 | 11:40 | |
| | | | | STABLE TAUMARUNUI | | | 154 | 4.2 | | | | |
| FRIDAY | | NIMT LOOPS | TAUMARUNUI | NATIONAL PARK | | | 51 | 4 | 1.4 | 07:20 | 08:45 | |
| 19-May-23 | | NATIONAL PARK | ELECTRIFIED ROADS 1 Road | | | | 2 | 4 | 0.2 | 08:45 | 08:55 | |
| | | NIMT LOOPS | NATIONAL PARK | TAIHAPE | | | 95 | 4 | 2.5 | 08:55 | 11:25 | |
| | | TAIHAPE | ELECTRIFIED ROADS 1 Road | | | | 2 | 4 | 0.2 | 11:25 | 11:35 | |
| | | NIMT LOOPS | TAIHAPE | MARTON | | | 70 | 4 | 1.8 | 11:35 | 13:25 | |
| | 01N1 | MARTON WEST MAIN | MARTON (18L) | MARTON (4R) | | | 2 | 1 | 0.1 | 13:25 | 13:30 | |
| | | MARTON | ELECTRIFIED ROADS | | | | 2 | 4 | 0.2 | 13:30 | 13:40 | |
| | | NIMT LOOPS | MARTON | PALMERSTON NORTH | | | 45 | 4 | 1.1 | 13:40 | 14:45 | |
| | | | | STABLE PALM NTH NETWORK SIDING | | | 119 | 3.2 | | | | |

EM80 - NORTH ISLAND Programme: WEEK 9: NIMT, WELLINGTON METRO: NIMT DOWN

| DATE | ROUTE IDENTITY | START POINT | END POINT | KILOMETRAGE | EXTENT | TOL | TIME | DEPART | ARRIVE | | | |
|-----------|----------------------|------------------|-------------------------------------|-----------------------------------|--------|------|-------|--------|--------|-----|-------|-------|
| MONDAY | 01A1 | NIMT LOOPS | PALMERSTON NORTH | WAIKANAЕ | | | Otaki | 77.5 | 4 | 2.8 | 20:45 | 23:35 |
| 22-May-23 | | NIMT LOOPS | WAIKANAЕ | WAIKANAЕ (26L SIG) | 58.5 | - 57 | | 1.5 | 1 | 0.3 | 23:35 | 23:50 |
| | | WKN ETB RD | WAIKANAЕ (26L SIG) | EAST TURN BACK ROAD | 57 | - 58 | | 1 | 1 | 0.1 | 23:50 | 23:55 |
| | 01W1 | NIMT DOWN MAIN | EAST TURN BACK ROAD | PARAPARAUMU | 58 | - 48 | | 10 | 1 | 0.3 | 00:00 | 00:20 |
| | 01W1 | NIMT DOWN MAIN | PARAPARAUMU | WELLINGTON PLAT 9 (via Down main) | 49 | - 2 | W | 47 | 1 | 1.2 | 00:20 | 01:30 |
| | 01CM1 | NIMT CENTRE MAIN | WELLINGTON PLAT 9 (via centre main) | WELLINGTON JCN 30 SIG | 0 | - 17 | G | 17 | 1 | 0.2 | 01:30 | 01:40 |
| | | WGТN PLATS | WELLINGTON JCN 30 SIG | WELLINGTON PLAT #6 | | | T | 1 | | 0.2 | 01:40 | 01:50 |
| | 01A1 | WGТN PLATS | WELLINGTON PLAT #6 | UNIT DEPOT (W1) | 0 | - 1 | N | 1 | 3 | 0.1 | 01:50 | 01:55 |
| | | WGТN PLATS | UNIT DEPOT (W1) | WELLINGTON PLAT #7 | | | | 1 | 3 | 0.1 | 01:55 | 02:00 |
| | 01A1 | WGТN PLATS | WELLINGTON PLAT #7 | UNIT DEPOT (R2) | 0 | - 1 | M | 1 | | 0.1 | 02:00 | 02:05 |
| | | WGТN PLATS | UNIT DEPOT (R2) | WELLINGTON PLAT #4 | 0 | - 1 | E | 1 | 3 | 0.1 | 02:05 | 02:10 |
| | 01A1 | WGТN PLATS | WELLINGTON PLAT #4 | UNIT DEPOT JCN PTS (M1) | | | T | 1 | 3 | 0.2 | 02:10 | 02:20 |
| | | WGТN PLATS | UNIT DEPOT JCN PTS (M1) | WELLINGTON PLAT #2 | | | R | 1 | | 0.1 | 02:20 | 02:25 |
| | 01A1 | WGТN PLATS | WELLINGTON PLAT #2 | WELLINGTON YARD (G2) | 0 | - 1 | O | 1 | 3 | 0.2 | 02:25 | 02:35 |
| | | WGТN PLATS | WELLINGTON YARD (G2) | WELLINGTON PLAT #5 | | | | 1 | | 0.1 | 02:35 | 02:40 |
| | 01A1 | WGТN PLATS | WELLINGTON PLAT #5 | TURNTABLE JCN PTS (F1) | 0 | - 1 | | 1 | 3 | 0.2 | 02:40 | 02:50 |
| | SIGNALS PMN 10889351 | | | | | | | | | | | |
| | SIGNALS WLG 10889396 | | STABLE | WELLINGTON LOCO | | | | 164 | | 6.0 | | |

EM80 - NORTH ISLAND Programme: WEEK 9 (cont) : WELLINGTON METRO: WAIRARAPA UP & DOWN, MELLING, & GRACEFIELD

| DATE | ROUTE IDENTITY | START POINT | END POINT | KILOMETRAGE | EXTENT | TOL | TIME | DEPART | ARRIVE |
|-----------------------------|----------------|---------------|---------------------------------------|-------------|--------|-----|------|--------|--------|
| TUESDAY | | RUN LIGHT | WELLINGTON LOCO | | | | | | |
| 23-May-23 | 71A1 | WAIRARAPA UP | WELLINGTON PLAT #8 (via up main) | | | | | | |
| | 72A2 | MELLING | MELLING JCT PTS | 0 - 3 | | | | | |
| | | RUN LIGHT | MELLING | | | | | | |
| | 71A1 | WAIRARAPA UP | MELLING JCT PTS | | | | | | |
| | 73C5 | GRACEFIELD | WOBURN | | | | | | |
| | | RUN LIGHT | GRACEFIELD | 0 - 3 | | | | | |
| | 71A1 | WAIRARAPA UP | WOBURN | | | | | | |
| | 71N1 | WAIRAP DN | UPPER HUTT (1003 Sig) | | | | | | |
| | 71N1 | WAIRAP DN | UPPER HUTT via (1070 pts) | 30 - 0 | | | | | |
| | xo 1051 | UH Xover 1051 | UPPER HUTT (1008 Sig) | 0 - 1 | | | | | |
| | | RUN LIGHT | UPPER HUTT (dock Road) (1011Sig) | | | | | | |
| | xo 1050 | UH Xover 1050 | UPPER HUTT (1006 S)(Via 1050 pts) | 0 - 1 | | | | | |
| | | Run Light | UPPER HUTT dn main (1007 Sig) | | | | | | |
| | xo 1053 | UH Xover 1053 | UPPER HUTT (1008 Sig) (via 1053A pts) | | | | | | |
| | | RUN LIGHT | UPPER HUTT (1053B pts) (1009Sig) | | | | | | |
| | 71N1 | WAIRAP DN | UPPER HUTT (1008 Sig) | | | | | | |
| | 71N1 | WAIRAP DN | TRENTHAM (905 sig) | 30 - 0 | | | | | |
| | 01A1 | WGTN PLATS | WELLINGTON PLAT #8 | 0 - 1 | | | | | |
| | | | TURNTABLE JCN PTS (F1) | | | | | | |
| SIGNALS WLG 10889396 | | | STABLE WELLINGTON LOCO | | | | | 110.5 | 3.5 |

EM80 - NORTH ISLAND Programme: WEEK 9 (cont): WELLINGTON METRO: WAIRARAPA UP, JOHNSONVILLE, MELLING, NIMT UP, NIMT LOOPS

| DATE | ROUTE IDENTITY | START POINT | END POINT | KILOMETRAGE | EXTENT | TOL | TIME | DEPART | ARRIVE | |
|-----------------------------|---------------------|--------------------------------------|----------------------------------|-------------------------|----------|-----------|------------|--------------|--------------|--------------|
| WEDNESDAY | RUN LIGHT | WELLINGTON LOCO E4 | WOBURN | | W | 13 | 0.3 | 23:10 | 23:30 | |
| 24-May-23 | RUN LIGHT | WOBURN | TRENTHAM (902 Signal) | 14 - 29 | G | 15 | 1 | 0.4 | 23:30 | 23:55 |
| | XOver 950 | TRENTHAM (902 Signal) up main | UPPER HUTT (via down main) | 29 - 32 | T | 3 | 1 | 0.2 | 23:55 | 00:05 |
| | 71A1 WAIRARAPA UP | UPPER HUTT (1003 signal) | MASTERTON | 32 - 91 | N | 59 | 1 | 1.4 | 00:05 | 01:30 |
| | WAIR LOOPS | MASTERTON | TRENTHAM (907 Signal) up main | | M | 62 | 4 | 1.5 | 01:40 | 03:10 |
| | xo 951 XOver 951 | TRENTHAM (907 Signal) up main | TRENTHAM (904 Signal) dn main | | E | 2 | 4 | 0.1 | 03:10 | 03:15 |
| | RUN LIGHT | TRENTHAM (904 Signal) dn main | WGTM JCN WAIRARAPA LINE | 29 - 2 | T | 27 | 1 | 0.8 | 03:15 | 04:00 |
| | xo 1 E4 via XOVER 1 | WGTM JCN WAIRARAPA LINE | WELLINGTON E4 | 0 - 1 | O | 1 | 3 | 0.1 | 04:00 | 04:05 |
| SIGNALS WLG 10889396 | | STABLE | WELLINGTON LOCO | | | 182 | | 4.8 | | |
| THURSDAY | 01A1 | WGTM PLATS | WELLINGTON LOCO VIA G1 | WGTM STN PLAT #3 | W | 2 | 0.2 | 21:50 | 22:00 | |
| 25-May-23 | | RUN LIGHT | WGTM STN PLAT #3 | 46 SIGNAL | G | 11 | 2 | 0.1 | 22:05 | 22:10 |
| | | RUN LIGHT | 46 SIGNAL | WGTM STN PLAT #1 | T | 11 | 2 | 0.1 | 22:10 | 22:15 |
| | 74A2 | J/VILLE UP | WGTM STN PLAT #1 | JOHNSONVILLE | N | 11 | 2 | 0.6 | 22:20 | 22:55 |
| | 74N2 | J/VILLE DOWN | JOHNSONVILLE | WGTM STN PLAT #9 | ME | 11 | 2 | 0.6 | 23:00 | 23:35 |
| | 01U1 | NIMT UP | WGTM STN PLAT #9 (via up main) | PARAPARAUMU | T | 48 | 1 | 1.0 | 23:35 | 00:35 |
| | 01U1 | NIMT UP | PARAPARAUMU | TE HORO | R | 15 | 1 | 0.3 | 00:35 | 00:55 |
| | | NIMT LOOPS | TE HORO | PALMERSTON NORTH | O | 73 | 1 | 1.8 | 01:05 | 02:50 |
| SIGNALS WLG 10889396 | | STABLE | PALMERSTON NORTH NETWORKS SIDING | | | 291 | | 7.6 | | |

EM80 - NORTH ISLAND Programme: WEEK 10: PLASSER VEHICLE INSPECTION AND TRAINING

| DATE | ROUTE IDENTITY | START POINT | END POINT | KILOMETRAGE | EXTENT | TOL | TIME | DEPART | ARRIVE |
|-----------|----------------|---|-----------|-------------|--------|-----|------|--------|--------|
| 29-May-23 | NO RECORDING | VEHICLE WILL BE STABLED IN PALMERSTON NORTH DEPOT TO BE AVAILABLE FOR | | | | | | | |
| TO | FOR THE WEEK | PLASSER TO CARRY OUT MACHINE INSPECTION AND TRAINING | | | | | | | |
| 02-Jun-23 | NO RECORDING | | | | | | | | |
| | | STABLE PALMERSTON NORTH | | | | | | | |

EM80 - NORTH ISLAND Programme: WEEK 11: NIMT LOOPS: WANGANUI, CASTLECLIFF, PALMERSTON NORTH ARRIVALS

| DATE | ROUTE IDENTITY | START POINT | END POINT | KILOMETRAGE | EXTENT | TOL | TIME | DEPART | ARRIVE | | |
|------------------|-----------------------------|--------------------------|--|--|-----------------|-----|------|----------|--------------|--------------|--------------|
| MONDAY | | RUN LIGHT | PALMERSTON NORTH | | | | 27 | 1.0 | 07:30 | 08:30 | |
| 05-Jun-23 | 71L3 | WAIR LINK | WOODVILLE JCN PT | WAIRARAPA JCN PT | 0 - 1 | | 1 | 3 | 0.1 | 08:30 | 08:35 |
| | | WAIR LOOPS | WOODVILLE | MASTERTON | | | 80 | 4 | 3.2 | 08:35 | 11:45 |
| | 71B3 | WAIRARAPA | MASTERTON | WOODVILLE (VIA BALOON LOOP) | 91 - 172 | | 81 | 3 | 3.0 | 12:00 | 15:00 |
| | | PNGL LOOPS | WOODVILLE | PALMERSTON NORTH | | | 27 | 4 | 0.8 | 15:10 | 16:00 |
| | | | | STABLE PALM NTH NETWORK SIDING | | | 216 | | 8.1 | | |
| TUESDAY | | RUN LIGHT | PALMERSTON NORTH | MARTON | | | 45 | 1.3 | 07:00 | 08:15 | |
| 06-Jun-23 | | RUN LIGHT | MARTON | EAST TOWN | 0 - 131 | | 131 | 2 | 1.0 | 08:20 | 09:20 |
| | | RUN LIGHT | EAST TOWN | ARAMOHO JCN PT | | | 2 | | 0.1 | 09:20 | 09:25 |
| | | LOOP EASTTOWN NT | ARAMOHO JCN PT | EASTTOWN STH STATION LIMITS | 0 - 5 | | 5 | 4 | 0.2 | 09:25 | 09:35 |
| | | LOOP EASTTOWN ST | EASTTOWN STH STATION LIMITS | ARAMOHO JCN PT | 0 - 5 | | 5 | 4 | 0.2 | 09:35 | 09:45 |
| | 42B5 | WANGANUI | ARAMOHO JCN PT | WANGANUI FREIGHT | 0 - 5 | | 5 | 5 | 0.3 | 09:45 | 10:05 |
| | 43B5 | CASTLECLIFF | WANGANUI FREIGHT | CASTLECLIFF | 1 - 5 | | 4 | 5 | 0.3 | 10:05 | 10:25 |
| | | RUN LIGHT | CASTLECLIFF | WANGANUI FREIGHT | | | 4 | | 0.3 | 10:25 | 10:45 |
| | | RUN LIGHT | EASTTOWN STH STATION LIMITS | EASTTOWN | | | 6 | | 0.4 | 10:45 | 11:10 |
| | | MNPL LOOPS | EASTTOWN | MARTON | | | 41 | 4 | 1.2 | 11:15 | 12:25 |
| | 41L4 | MNPL LINK | MARTON (8L Signal) (via west loop) | MARTON (4R Signal) | 0 - 3 | | 3 | 4 | 0.2 | 12:25 | 12:35 |
| | | NIMT LOOPS as req | MARTON (4R Signal) | PALMERSTON NORTH Network Siding | | | 44 | 4 | 1.3 | 12:35 | 13:50 |
| | SIGNALS WGI 10889259 | | | STABLE PALM NTH NETWORK SIDING | | | 119 | | 4.4 | | |
| WEDNESDAY | | PALM NTH | ELECTRIFIED ROADS 1 - 5 & CT SITE | | | | 12 | 5 | 2.5 | 08:30 | 11:00 |
| 07-Jun-23 | | PALM NTH | ARRIVAL DEPARTURE ROADS | | | | 6 | 5 | 2.5 | 11:00 | 13:30 |
| | | BACK RD LOOP | PALMERSTON NORTH | PALMERSTON NORTH | | | 1 | 4 | 0.2 | 13:30 | 13:40 |
| | | FLYOVER | PALMERSTON NORTH | PALMERSTON NTH LOCO | | | 2 | 4 | 0.5 | 13:40 | 14:10 |
| | | | | STABLE PALM NTH NETWORK SIDING | | | 21 | | 5.7 | | |