## Chetan

#### Table 18: Analysis Summary of NC 179 (Old Georgetown Road) and NC 904 (Seaside Road)

| **ANALYSIS**  **SCENARIO** | **LANE GROUP** | **Existing Storage**  **(ft)** | **Weekday AM Peak Hour** | | | | | **Weekday PM Peak Hour** | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Queue 95th / Max**  **(ft)** | **Lane**  **LOS** | **Delay**  **(Chetan)** | **Approach**  **LOS**  **(sec)** | **Overall**  **LOS**  **(sec)** | **Queue 95th / Max**  **(ft)** | **Lane**  **LOS** | **Delay**  **(sec)** | **Approach**  **LOS**  **(sec)** | **Overall**  **LOS**  **(sec)** |
| 2021 Existing Conditions | EBL  EBT/R | 175  -- | / 100  / 160 | B  C | 18  29 | C (25) | C  (28) | 82 / 173  335 / 248 | C  D | 24  37 | C (34) | D  (36) |
| WBL  WBT/R | 125  -- | 89 / 107  178 / 144 | B  C | 19  30 | C (26) | 118 / 139  299 / 205 | C  D | 28  39 | D (35) |
| NBL  NBT/R | 275  -- | 60 / 108  258 / 257 | B  C | 20  32 | C (29) | 112 / 374  470 / 584 | C  D | 29  38 | D (35) |
| SBL  SBT/R | 150  -- | 43 / 145  273 / 304 | B  C | 17  35 | C (32) | 50 / 250  389 / 544 | C  D | 21  42 | D (40) |
| 2041  No-Build Conditions | EBL  EBT/R | 175  -- | 185 / 176  348 / 269 | D  D | 51  43 | D (45) | D  (48) | 187 / 274  565 / 434 | E  E | 65  58 | E (59) | E  (64) |
| WBL  WBT/R | 125  -- | 213 / 196  296 / 248 | E  D | 59  45 | D (50) | 286 / 225  498 / 378 | F  E | 83  60 | E (67) |
| NBL  NBT/R | 275  -- | 151 / 257  423 / 473 | E  D | 61  45 | D (48) | 352 / 374  788 / 799 | E  E | 79  56 | E (62) |
| SBL  SBT/R | 150  -- | 105 / 250  451 / 536 | D  D | 55  49 | D (49) | 139 / 250  643 / 733 | F  E | 83  64 | E (67) |

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2041  Build Conditions | EBL  EBT/R | 175  -- | 311 / 274  627 / 405 | E  D | 57  53 | D (54) | E (62) | 283 / 275  822 / 654 | F  E | 81  72 | E (74) | F  (84) |
| WBL  WBT/R | 125  -- | 269 / 190  420 / 260 | F  E | 80  61 | E (68) | 301 / 225  641 / 610 | F  E | 104  73 | F (82) |
| NBL  NBT/R | 275  -- | 234 / 332  546 / 527 | F  E | 80  59 | E (65) | 671 / 375  844 / 836 | F  F | 130  80 | F (97) |
| SBL  SBT/R | 150  -- | 126 / 250  611 / 528 | E  E | 66  64 | E (64) | 142 / 250  794 / 792 | F  F | 84  80 | F (81) |
| 2041  Build Improved Conditions – **Signal Timing Modifications** | EBL  EBT/R | 175  -- | 218 / 274  432 / 316 | D  D | 47  44 | D (45) | D  (50) | 199 / 275  559 / 662 | E  E | 64  66 | E (66) | E  (64) |
| WBL  WBT/R | 125  -- | 179 / 192  266 / 236 | E  D | 64  45 | D (52) | 243 / 225  433 / 366 | F  E | 99  56 | E (68) |
| NBL  NBT/R | 275  -- | 165 / 254  335 / 363 | E  D | 63  45 | D (50) | 355 / 372  471 / 538 | F  D | 88  44 | E (59) |
| SBL  SBT/R | 150  -- | 88 / 250  392 / 558 | D  E | 49  56 | E (55) | 90 / 250  539 / 784 | E  E | 56  68 | E (66) |

**Improvements by the developer are shown in bold.**

NOTE TO VIVEK: This should typically be one connected table. The above is not connected as one table but should be.