

**TRAFFIC SIGNAL COMMISSIONING REPORT**

LOCATION: \_\_\_\_\_

PROJECT DESCRIPTION: \_\_\_\_\_

SIGNAL CONTRACTOR: \_\_\_\_\_

**1. Flash Operation Check Prior to Signal Start Up – City (Signal Construction)**

|   | <u>YES</u>               | <u>NO</u>                | <u>N/A</u>               |
|---|--------------------------|--------------------------|--------------------------|
| 1.1 Traffic fixture visibility                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.2 Traffic fixture size & location as per plan | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.3 Pushbuttons installed                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.4 Flash operation mode                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 1.5 Signal start-up memo issued                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Signal Construction Technician: \_\_\_\_\_ Initials: \_\_\_\_\_ Date: \_\_\_\_\_

**2. Signal Pre-Operation – City (Signal Construction)**

|   | <u>YES</u>               | <u>NO</u>                | <u>N/A</u>               |
|---|--------------------------|--------------------------|--------------------------|
| 2.1 Traffic Management Centre (TMC) notified        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.2 Temporary timings required                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.3 Traffic Shop signing foreman notified           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.4 Contractor signals foreman notified             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.5 Appropriate road markings installed as per plan | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.6 Traffic signal signing work order completed     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.6.1 appropriate stop /yield signs removed         | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.6.2 temporary "New" starburst signs installed     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.6.3 signal stop line signs                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.6.4 pedestrian crosswalk banning signs            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.6.5 pedestrian pushbutton signs                   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.6.6 no parking / no stopping signs                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.6.7 ground mount signs                            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.7 Installation of overhead signs as per plan      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.8 Installation of curb crossings                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.9 Communication test with TMC (broadband or cell) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2.10 Street light luminaires installed              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Signal Construction Technician: \_\_\_\_\_ Initials: \_\_\_\_\_ Date: \_\_\_\_\_

**3. Signal Operation – Contractor / City (TMC)**

|   | <b>CONTRACTOR</b>        |                          |                          | <b>TMC</b>               |
|---|--------------------------|--------------------------|--------------------------|--------------------------|
|   | <b><u>YES</u></b>        | <b><u>NO</u></b>         | <b><u>N/A</u></b>        | <b><u>YES</u></b>        |
| 3.1 Vehicle detector test<br>TMC- confirm detectors are operational   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.2 Pushbutton test<br>TMC - check pedestrian pushbutton operation, check crosswalks to ensure pedestrian crossing safety | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.3 Lamp inspection<br>TMC – confirm Red-Amber-Green and pedestrian signal  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.4 Offset check  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.5 Operational compliance with timing sheet design   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3.6 System operations confirmation with the Traffic Management Centre for on-line signals & system coordinator signals    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**4. Cabinet – Contractor**

|  | <b><u>YES</u></b>        | <b><u>NO</u></b>         | <b><u>N/A</u></b>        |
|--|--------------------------|--------------------------|--------------------------|
| 4.1 Inspection of filter                           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.2 Check operation of door locks                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.3 Check door seals                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.4 Inspection of heater and fan                   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.5 Confirmation of proper vent opening or closure | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**5. Documentation – Contractor**

**(Hard Copy to Field, Electronic Copy to TMC for 5.1-5.6)**

|                                     | <b><u>YES</u></b>        | <b><u>NO</u></b>         | <b><u>N/A</u></b>        |
|-------------------------------------|--------------------------|--------------------------|--------------------------|
| 5.1 Site drawings                   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5.2 Controller programming sheets   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5.3 Logic wiring diagrams           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5.4 Cabinet wiring diagrams         | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5.5 Conflict monitor trip sheet     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5.6 Vehicle detection documentation | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5.7 Log book                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

TMC Technician: \_\_\_\_\_ Initials: \_\_\_\_\_ Date: \_\_\_\_\_

Contractor Technician: \_\_\_\_\_ Initials: \_\_\_\_\_ Date: \_\_\_\_\_