

Appendix “C”
Halton Region Permanent
Traffic Plant Installation &
Maintenance Inspection Form

HALTON REGION PERMANENT TRAFFIC PLANT INSTALLATION & MAINTENANCE INSPECTION FORM

Note: Complete the Interim Inspections form and submit to Halton Region Road Operations for review. Halton Region Road Operations will review and approve and then prepare signal timings. Halton Region Road Operations will schedule activation when all requirements are met.

Date: _____ Contract No.: _____ Inspector: _____	Location: _____ Electrical Contractor: _____	Interim <input type="checkbox"/> Final <input type="checkbox"/>
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Traffic Signal Underground/Concrete Pour Checklist

Ductwork

Correct number of ducts, depth, and radii from handwell to handwell	<input type="checkbox"/>	Leg 1	<input type="checkbox"/>	Leg 2	<input type="checkbox"/>	Leg 3	<input type="checkbox"/>	Leg 4	<input type="checkbox"/>														
Correct number of ducts, depth, and radii from handwell to each pole	<input type="checkbox"/>	Pole 1	<input type="checkbox"/>	Pole 2	<input type="checkbox"/>	Pole 3	<input type="checkbox"/>	Pole 4	<input type="checkbox"/>	<input type="checkbox"/>	Pole 5	<input type="checkbox"/>	<input type="checkbox"/>	Pole 6	<input type="checkbox"/>	Pole 7	<input type="checkbox"/>	Pole 8	<input type="checkbox"/>	Pole 9	<input type="checkbox"/>	Pole 10	<input type="checkbox"/>
Correct number of ducts from handwell to controller pad	<input type="checkbox"/>																						

Pole Bases

	Pole 1	Pole 2	Pole 3	Pole 4	Pole 5	Pole 6	Pole 7	Pole 8	Pole 9	Pole 10
Correct size	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct location	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct depth	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct bolt set	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Controller Pad

Correct depth/size	<input type="checkbox"/>
Correct orientation	<input type="checkbox"/>

Civil Works

	Corner 1	Corner 2	Corner 3	Corner 4
Sidewalk layout correct	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pour depth correct	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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		Corner 1	Corner 2	Corner 3	Corner 4
Curb ramps line up with crosswalk pavement markings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Curb ramps extend enough for unimpeded walk from button to crosswalk	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sidewalk level and no trip hazard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TWSIs installed – correct number, type and orientation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Traffic Signal Construction Checklist

Physical Equipment

Traffic Cabinet

Gasket between extender base and concrete base					
Silicon sealant on the gasket between extender base and cabinet base.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
External silicone bead around both joints of extender base	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cabinet free from major dents and scratches	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ducts are sealed correctly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Field wire terminations as per UTSS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cable tying as per UTSS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cable labeling as per UTSS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cable wrapping as per UTSS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Cabinet Mounted Equipment

Push button control modules correctly mounted on side panel brackets of controller cabinet					
Camera equipment correctly mounted.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Signal Heads

	N/B Prim.	N/B Sec.	N/B Aux.	S/B Prim.	S/B Sec.	S/B Aux.	E/B Prim.	E/B Sec.	E/b Aux.	W/B Prim.	W/B Sec.	W/B Aux.
Correct type as per design	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct mounting height	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Clean and no obvious damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cowl visors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reflective tape (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Astrobrac cut flush with top of signal head (if applicable)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Mast Arms

	Pole 1	Pole 2	Pole 3	Pole 4	Pole 5	Pole 6	Pole 7	Pole 8	Pole 9	Pole 10
Correct length	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Securely fastened/all bolts and nuts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drip loop (mast arm to pole)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Grommet at pole cable entry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Arms perpendicular to curb edge or as shown on Contract drawing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mast arm bracket (pod) to match pole cross section (i.e. round, octagonal)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Poles

	Pole 1	Pole 2	Pole 3	Pole 4	Pole 5	Pole 6	Pole 7	Pole 8	Pole 9	Pole 10
No major scratches or dents	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aligned correctly with HH cover away from major traffic flow	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Levelling nuts underneath pole base	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Base nuts are tight (minimum one thread visible above base nuts)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hand hole cover present	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Pole cap installed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Poles installed in correct location (as per drawing)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Base at correct grade	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Poles are aligned plumb	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sonotube cut flush with finished grade	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Conduits securely attached	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Pedestrian / Countdown Heads

	Ped head 1	Ped head 2	Ped head 3	Ped head 4	Ped head 5	Ped head 6	Ped head 7	Ped head 8
Clean / no obvious damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mounted straight	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct mounting height	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drip loop in between double arm brackets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Grommet at cable entry into pole	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Square LED modules

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Countdown, if specified

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Push Buttons

Height is 1.1m from sidewalk grade to center of button

<input type="checkbox"/>	Pole 1	<input type="checkbox"/>	Pole 2	<input type="checkbox"/>	Pole 3	<input type="checkbox"/>	Pole 4	<input type="checkbox"/>	Pole 5	<input type="checkbox"/>	Pole 6	<input type="checkbox"/>	Pole 7	<input type="checkbox"/>	Pole 8	<input type="checkbox"/>	Pole 9	<input type="checkbox"/>	Pole 10
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Alignment to crosswalk

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Silicone sealant

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Information plate is correct type

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Civil

Handholes

Installed at correct grade

<input type="checkbox"/>	Corner 1	<input type="checkbox"/>	Corner 2	<input type="checkbox"/>	Corner 3	<input type="checkbox"/>	Corner 4
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Level and presents no trip hazard

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Drainage material in base

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Stainless steel bolts

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Covers secured

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Colour code ducts in handholes

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Loop Detection (if used)

Central in lane

<input type="checkbox"/>	Approach 1	<input type="checkbox"/>	Approach 2	<input type="checkbox"/>	Approach 3	<input type="checkbox"/>	Approach 4
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Placed correctly in relation to stop bar

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Correct dimensions

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Correctly sealed in asphalt

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Silicone marrette style connector with grease filled klick-it II covers on loop tail

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Restoration

Grass / sod

<input type="checkbox"/>	Corner 1	<input type="checkbox"/>	Corner 2	<input type="checkbox"/>	Corner 3	<input type="checkbox"/>	Corner 4
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Sidewalks

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Pavement

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Boulevard

Electrical

Cables

- Power cables neatly formed and correct gauge
- Correct cable types used (i.e. MTO 12c / 7c)
- All signal, push button, detection and auxiliary cables neatly formed
- Phase conductors bent around the terminal screw (stake-on type connections not permitted)

Labelling

- All signal, push button, detection & Opticom cables labelled
- Style tag with permanent marker

Communications

- Communications cable present in access panel

Camera/Radar Detection

- | | | | | | | | | |
|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| | Detection 1 | Detection 2 | Detection 3 | Detection 4 | Detection 5 | Detection 6 | Detection 7 | Detection 8 |
| Camera or detection unit installed as per manufacturers recommendations | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

Emergency Vehicle Pre-emption Equipment

- Detection unit installed as per manufacturers recommendations

Ground Circuit and Bonding

- Isolated #2/0 ground cable between service cabinet and grounding grid
- Isolated #6 ground cable between service cabinet and traffic control cabinet
- Isolated grounds to traffic controller must be identified with yellow tape where visible in junction boxes

- Ground rod or plate present on each corner of the intersection
- | | | | |
|--------------------------|--------------------------|--------------------------|--------------------------|
| Corner 1 | Corner 2 | Corner 3 | Corner 4 |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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|--|---|
| | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| #6 system ground to be directly connected to pole ground lug | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| Compression style connection on all ground conductors | <input type="checkbox"/> |

Streetlighting

- | | | |
|---|---|--------------------------|
| Fuse kits | <input type="checkbox"/> | |
| Correct cable type (RWU90 Stranded) | <input type="checkbox"/> | |
| Load side of streetlighting conductor, to be crimped in fuse kit | | <input type="checkbox"/> |
| Bird stops | | <input type="checkbox"/> |
| All connections to be compression type taped with insulated cover | | <input type="checkbox"/> |
| Luminaires levelled | | <input type="checkbox"/> |
| | Luminaire 1
Luminaire 2
Luminaire 3
Luminaire 4 | |
| Correct wattage and distribution | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| Install wattage labels on luminaire | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |

Pavement Markings

- | | | | | | | | | |
|--|--------------------------|------------|--------------------------|------------|--------------------------|------------|--------------------------|------------|
| | | Approach 1 | | Approach 2 | | Approach 3 | | Approach 4 |
| Crosswalks line up correctly with the curb ramps and buttons | <input type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> | |
| Stop bar lines present and in correct location | <input type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> | |
| Durable markings used where designated on the drawings | <input type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> | |
| No conflicting temporary markings visible | <input type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> | |
| All lane markings at intersection as per approved design | <input type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> | | <input type="checkbox"/> | |

Signs

- | | | |
|--|--------------------------|--------------------------|
| All signs replaced or installed as per spec and drawing | | <input type="checkbox"/> |
| ‘Stop here on Red’ sign in correct location (where applicable) | | <input type="checkbox"/> |
| ‘Signal Ahead’ and ‘New’ Starburst signs in correct location (if applicable) | | <input type="checkbox"/> |
| Stopping/Parking Prohibition signs installed | <input type="checkbox"/> | |
| “Left Turn Signal” signs installed (if required) | <input type="checkbox"/> | |
| Turn Prohibition signs installed (if required) | <input type="checkbox"/> | |

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Pedestrian information signs installed

Signal Activation

Vehicle heads tested	<input type="checkbox"/>	Phase 1	<input type="checkbox"/>	Phase 2	<input type="checkbox"/>	Phase 3	<input type="checkbox"/>	Phase 4	<input type="checkbox"/>	Phase 5	<input type="checkbox"/>	Phase 6	<input type="checkbox"/>	Phase 7	<input type="checkbox"/>	Phase 8
Ped heads tested	<input type="checkbox"/>	Phase 2	<input type="checkbox"/>	Phase 4	<input type="checkbox"/>	Phase 6	<input type="checkbox"/>	Phase 8	<input type="checkbox"/>							
(AODA) Pushbuttons tested	<input type="checkbox"/>	Phase 2	<input type="checkbox"/>	Phase 4	<input type="checkbox"/>	Phase 6	<input type="checkbox"/>	Phase 8	<input type="checkbox"/>							
Vehicle detection active	<input type="checkbox"/>	Phase 1	<input type="checkbox"/>	Phase 2	<input type="checkbox"/>	Phase 3	<input type="checkbox"/>	Phase 4	<input type="checkbox"/>	Phase 5	<input type="checkbox"/>	Phase 6	<input type="checkbox"/>	Phase 7	<input type="checkbox"/>	Phase 8
Conflict monitor tests correctly all functions									<input type="checkbox"/>							
Communication line active									<input type="checkbox"/>							