### Scope of Works
The following notes are applicable. If in doubt please contact Brisbane City Council, Congestion Reduction Unit, Traffic Signal Operations on (07) 34388888.

1. Supply and install ducts and pits as per drawing complete with draw wire. All ducts to be 100mm PVC heavy duty orange conduct.
2. Supply install replace as applicable traffic signal controller with BCC approved equipment supplied with top hat including:
   - 4mp active and 8mp flashing yellow LED signal group modules to suit 1 x audio tactile relay, 1 x 2 input detector cards, plug boards to suit 1 x BCC controller shelf and 1 x BCC controller identification plate.
3. Supply and install traffic signal hardware as per equipment schedule.
4. Supply and install 16mm 2 core PVC consumer mains cable to controller from electrical point of supply. If conduits are small refer to design office. Electrical supply is from underground direct feed. Fused bell joint to be installed between traffic signal controller and point of supply. Contact BCC to request point of supply. Refer notes for contact details.
5. Telecommunication network to be implemented as per the design drawings. Where design states ADSL (leased service), contact BCC, Intelligent Transport Systems to request new data connection for traffic signal controller. Where design states fibre optic, contact BCC duct & fibre infrastructure group refer notes for contact details.
6. Supply and install new cable in accordance with cable connection detail.
7. Install and commission new controller personality. Refer notes for personality request details.
8. Supply and install loop detector feeder cable from controller to all loops.
9. All loop detectors to be cut unless otherwise instructed.
10. Remove abandoned or redundant traffic signal cable.
11. Driveway push button to be installed as specified in Australian Standard Access Clause 2.4 with white light indicator (if applicable).

### Notes
1. All lanterns deemed to be central light source (CLS) led type except where specified otherwise.
2. Long-closed visors are 300mm long.
3. Pedestrian crossing to be 3 aspect countdown as per BCC specification.
4. Pedestrian push buttons to be audio tactile type except where specified otherwise.
5. All new signalled intersections to be installed with 36 core cable and associated BCC type 36 core post top assemblies and junction boxes as applicable (refer BSD-4011 sheet 2 & BSD-4102 sheet 2).
6. Loop joingpt pit to be No3 type all others to be circular type except where specified otherwise.
7. Install 1 x 100mm electrical conduit from signal post to nearest pit.
8. Install 1 x 100mm electrical conduit from loop joingpt pit to nearest signal pit.
9. It is the responsibility of the contractor to verify service locations prior to any excavation.
10. Any conflicts between existing services and signal conduits to be resolved by the contractor in consultation with the design consultant.
11. BCC equipment to be purchased from Brisbane City Council, at contractors expense, contractor to contact Brisbane City Council, Field Services Group Ph (07) 34388888.
12. Controller top hat to be fitted out as per standard drawing BSD-4026.
13. Installation, jointing and termination of fibre optic cable to be undertaken by sub contractor nominated by Brisbane City Council, at contractors expense, contractor to contact BCC, duct & fibre infrastructure group for list of accepted sub contractors Ph (07) 34388888. Equipment required as specified on design drawings.
14. Installation of network equipment to local switch to be undertaken by sub contractor nominated by Brisbane City Council, at contractors expense, contractor to contact BCC, congestion reduction unit, intelligent transport systems for list of accepted sub contractors Ph (07) 34388888. Equipment required as specified on design drawings.
15. Controller personality to be configured by Brisbane City Council, contractor to submit personality request form to BCC, congestion/ reduction unit, traffic signal operations Ph (07) 34388888.
16. Commissioning of signals, including computer control data changes to be undertaken by Brisbane City Council, contractor to submit traffic signals installation - pre commissioning sheet to BCC, congestion reduction unit, traffic signal operations Ph (07) 34388888. Minimum 6 weeks notice required.
17. Loop detectors where possible to be installed prior to laying final surface. For minimum depth of asphalt at loop locations refer to standard drawing BSD-4011.
18. Installation of traffic signals to be in accordance with Brisbane City Council, BCC standard drawings and Australian standards.
19. Electrical point of supply to be requested through Brisbane City Council, contractor to contact BCC, congestion reduction unit, traffic signal operations Ph (07) 34388888. Minimum 6 weeks notice required.
20. Data connection to be requested through Brisbane City Council, contractor to contact BCC, congestion reduction unit, intelligent transport systems Ph (07) 34388888. Minimum 6 weeks notice required. For leased service, contact duct & fibre infrastructure group Ph (07) 34388888.
21. Conduit connection to communications infrastructure to be installed by contractor, contact BCC, congestion reduction unit, intelligent transport systems Ph (07) 34388888 to request connection.
22. 10m clear visibility to be maintained to primary lantern.
23. Only 1 x of slack cable to be installed in the pit at each traffic signal post.
24. Electrical contractor to submit form 2 to energex on completion of work.

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**Standard Traffic Signals**

**Installation Drawing Details**

**Brisbane City Council Standard Drawing**

NOT TO SCALE

BSD-4027

A3

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**Insert Consultants Logo and Details**

**Traffic Signal Installation Details**

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**Scope of Works & 5 amended. Notes 8, 10, 13, 14 & 20 amended**

**Note 1 amended, note 9 added, Y/4 removed from controller equipment**

**Added Note for Audio Tactile Pedestrian Push Buttons**

**Drawing Converted From UMS Series April 2014**

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**Date** | **Completion** | **Site No.** | **Issue/Amendment**
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**Comments:** (State ‘No Comments’ if none)

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**Authors:**

ORIGINAL SIGNED BY:

Authorised for Issue

Drawn

Signed

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**Title**

CLAUSE 2.4 WITH WHITE LIGHT INDICATOR (IF APPLICABLE).

AS2353

STANDARD

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CLAUSE 2.4 WITH WHITE LIGHT INDICATOR (IF APPLICABLE).

AS2353

STANDARD

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**Clauses:**

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   - 4mp active and 8mp flashing yellow LED signal group modules to suit 1 x audio tactile relay, 1 x 2 input detector cards, plug boards to suit 1 x BCC controller shelf and 1 x BCC controller identification plate.
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