SCOPE OF WORKS

The following notes are as applicable. If in doubt please contact Brisbane City Council, Congestion Reduction Unit, Traffic Signal Operations on (07) 34038888.

1. SUPPLY AND INSTALL DUCTS AND PITS AS PER DRAWING COMPLETE WITH DRAW WIRE. ALL DUCTS TO BE 100mm PVC HEAVY DUTY, ORANGE CONDUIT.
2. SUPPLY/INSTALL/REPLACE, AS APPLICABLE, TRAFFIC SIGNAL CONTROLLER WITH BCC APPROVED EQUIPMENT SUPPLIED WITH TOP HAT INCLUDING:

   AMP ACTIVE AND 8 AMP FLASHING YELLOW FUSING,SIGNAL GROUP MODULES TO SUIT, 1 X AUDIO / TACTILE RELAY, 1 X 32 INPUT DETECTOR CARD, PLUG BOARD 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 ESP. IF CONDUITS ARE SHALLOW REFER TO DESIGN OFFICE. IF 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 *AS2353* 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 LANTERNS 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 SIGNALISED INTERSECTIONS TO BE INSTALLED WITH 36 CORE CABLE AND ASSOCIATED BCC TYPE 36 CORE POST TOP ASSEMBLIES AND JUNCTION BOXES AS APPLICABLE (REFER BSD-4101 SHEET 2 & BSD-4102 SHEET 2).
6. LOOP JOINTING PITS TO BE NO.3 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 JOINTING 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) 34038888.
12. CONTROLLER TOP HAT TO BE FITTED OUT AS PER STANDARD DRAWING BSD-4209.
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) 34038888.
14. INSTALLATION OF NETWORK EQUIPMENT IN LOCAL MUX 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) 34038888. 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) 34038888 MINIMUM 4 WEEKS NOTICE REQUIRED.
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) 34038888. MINIMUM 2 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 BSD 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) 34038888. MINIMUM 4 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) 34038888. MINIMUM 8 WEEKS NOTICE REQUIRED. FOR LEASED SERVICE, CONTACT DUCT & FIBRE INFRASTRUCTURE GROUP, PH (07) 34038888.
21. CONDUIT CONNECTION TO COMMUNICATIONS INFRASTRUCTURE TO BE INSTALLED BY CONTRACTOR. CONTACT BCC, CONGESTION REDUCTION UNIT, INTELLIGENT TRANSPORT SYSTEMS PH (07) 34038888 TO REQUEST CONNECTION.
22. 100m CLEAR VISIBILITY TO BE MAINTAINED TO PRIMARY LANTERN.
23. ONLY 1m 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.

Last Modified :- Sep 21, 2018 - 2:14pm

LEAVE THIS SPACE FREE FOR BCC USE

Issue	Amendment	Checked	Auth.	Works Order	Completion Date

Signal Design Accepted
ORIGINAL SIGNED BY:
Traffic Signal Operations

Comments: (State 'No Comments' if none)

Project: INSERT CONSULTANTS LOGO AND DETAILS

Title: TRAFFIC SIGNAL INSTALLATION DETAILS

Site No.: ####

Design	Drawn	Checked	Authorised for Issue
##### #######	##### #######	##### #######	ORIGINAL SIGNED BY: ####### #######

Reference No.: ################## Scale: #####

Project Number / Sheet: ######### / #### Issue: ###

XREFS :-

ISSUE	AMENDMENT	DRAWN DATE	CHK'D DATE	APPR'D DATE
D	Scope of Works 1 & 5 amended. Notes 8, 10, 13, 14 & 20 amended	BW 31.10.17	DK 2.02.18	DK 2.02.18
C	Note 1 amended, note 5 added, VID removed from controller equipment	BW 5.09.16	AMG 5.09.16	AMG 5.09.16
B	Added Note for Audio Tactile Pedestrian Push Buttons	BW 27.11.14	CJC 27.11.14	AMG 27.11.14
A	Drawing Converted From UMS Series April 2014	APR '14	APR '14	APR '14

DRAWING AUTHORISED FOR PUBLICATION
I. Condric
April 2014
for ENGINEERING ASSET MANAGER
STRATEGIC ASSET MANAGEMENT

DESIGN APPROVED
Adrian Gibbons
April 2014
TRAFFIC SIGNALS OPERATIONS MANAGER
CONGESTION REDUCTION UNIT

DESIGN	CRU	DATE	Apr '14
DRAWN	CRU	DATE	Apr '14
CHECKED	CRU	DATE	Apr '14
DRAWING FILENAME	BSD-4207 (D) Standard traffic signals installation drawing details sheet.dwg		
ASSOCIATED PLANS			

BRISBANE CITY

BRISBANE CITY COUNCIL STANDARD DRAWING

STANDARD TRAFFIC SIGNALS INSTALLATION DRAWING DETAILS SHEET

SCALE: NOT TO SCALE
DWG No.: BSD-4207
ORIGINAL SIZE: A3
REVISION: D