

## ANNEXURE 5 – PART 2

### Public Utility Plant

#### Definitions

Acronyms and Abbreviations	Definitions
BAC	Brisbane Airport Corporation
BCC	Brisbane City Council
BW	Brisbane Water
D&C	Design and construct
DES	Department of Emergency Services
dia	Diameter
EPA	Environmental Protection Agency (Qld)
HV	High voltage
KL	Kilolitres
LAN	Local area network
MH	Manhole
NSBT	North South Bypass Tunnel
QDMR	Queensland Department of Main Roads
QR	Queensland Rail
PUP	Public utility plant
RFP	Request for proposal
RO	Reverse osmosis
TBM	Tunnel Boring Machine
UG	Underground

#### Utility conflicts

The utility services adjustments have been detailed in the register of conflicts and drawings. Utility services identified as requiring monitoring during construction are detailed in the monitoring schedules.

#### Construction details for mitigating future infrastructure impacts

Provision has been made for the future installation of PUP, to the full width of the road corridor, extending at least 1.5 metres down from the road surface.

## Future Busway

The proposed PUP design has relocated services along Galway Street to the north of the proposed driven tunnel portal for the future Busway tunnel north of the Federation Street Busway Station under Lutwyche Road. The proposed PUP design is such that there will be no impact on relocated services from the construction of future Busway infrastructure.

For the future Busway cut and cover tunnel between Albion Road and Truro Street, the design relocates trunk services required for the Project Works across the cut and cover component of the future Busway tunnel in the vicinity of Fosbery Street. It additionally provides interim minor service supply arrangements running along the east side of Lutwyche Road prior to the construction of the future Busway infrastructure.

It has been assumed that the future Busway north of the Project Works at Gympie Road will continue on the same horizontal alignment as that of the proposed design. The proposed PUP design is such that there will be no impact on the majority of these services from the construction of the future Busway infrastructure.



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