

MELBOURNE METRO RAIL PROJECT ENVIRONMENT EFFECTS STATEMENT
INQUIRY AND ADVISORY COMMITTEE

MMRA TECHNICAL NOTE

TECHNICAL NOTE NUMBER: 006
DATE: 25/07/2016
PRECINCT: Tunnels/CBD North
EES/MAP BOOK REFERENCE: EES Section 17.5.1

SUBJECT: Flood Risk
Response to item 6 of the IAC request for information dated 13 July 2016

NOTE:

1. Section 17.5.1 of the EES identifies the risk of flooding of the Melbourne Metro tunnels via the connection with the City Loop tunnels at CBD North.
2. It specifically identifies (at page 17-9) that:

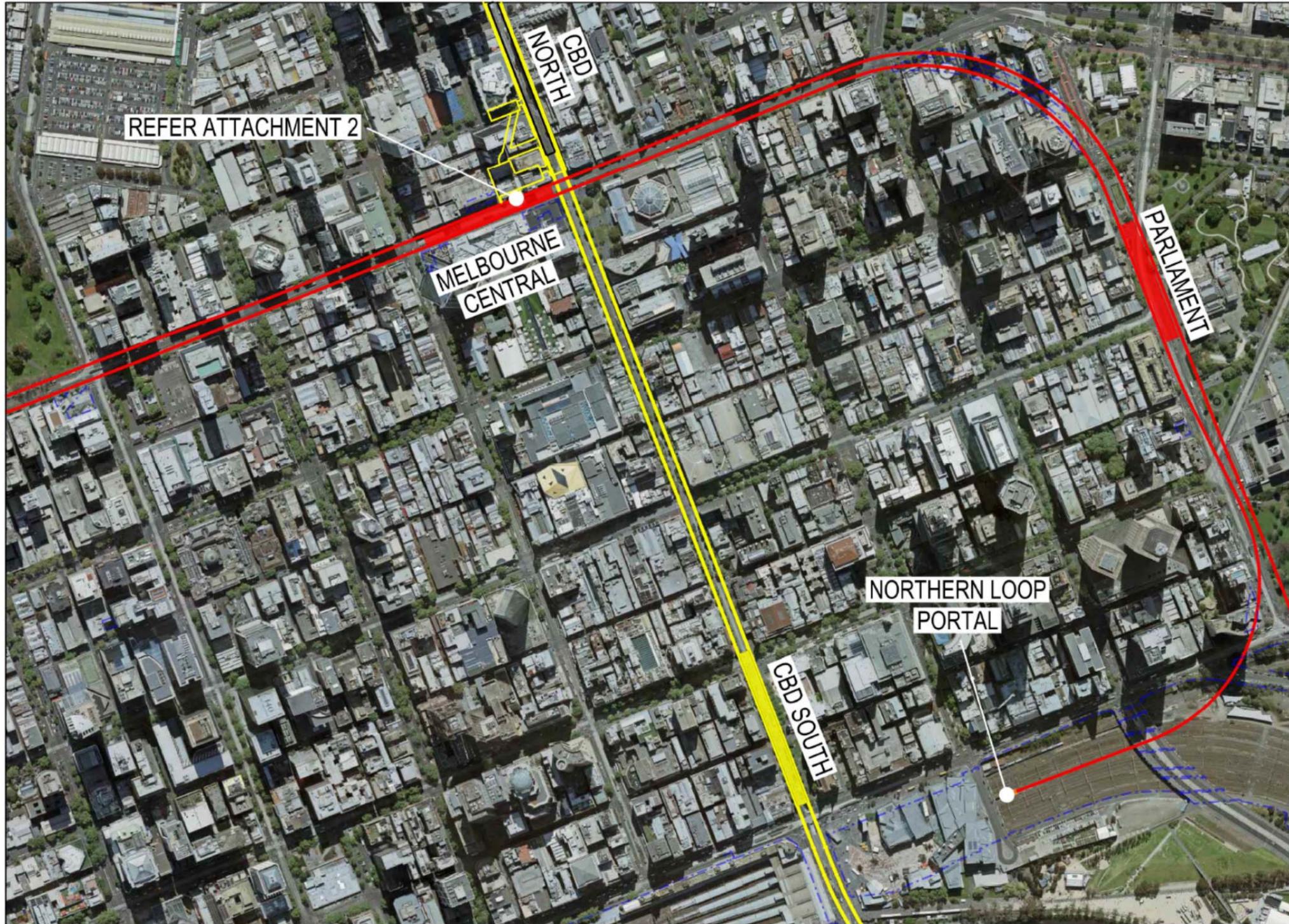
The [Melbourne Metro] tunnels are prone to flooding from the Yarra River entering the City Loop tunnel portals east of Flinders Street Station and flowing into the Melbourne Metro tunnels through the cross-connection between the two tunnels at CBD North station.

3. Attachment A shows the location of the northern loop portal of the City Loop near Flinders Street which is at greatest risk of riverine flooding. Attachment A also shows the connection between the northern loop tunnels and Melbourne Central Station.
4. Attachment B shows the connection between Melbourne Central Station and Melbourne Metro at CBD North.

ATTACHMENTS:

- Attachment A –** Layout plan of City loop tunnels between Flinders Street and Melbourne Central.
- Attachment B –** Connection between Melbourne Central and CBD North Station.

Attachment A



—— MELBOURNE METRO RAIL TUNNELS
 —— MELBOURNE CITY LOOP TUNNELS



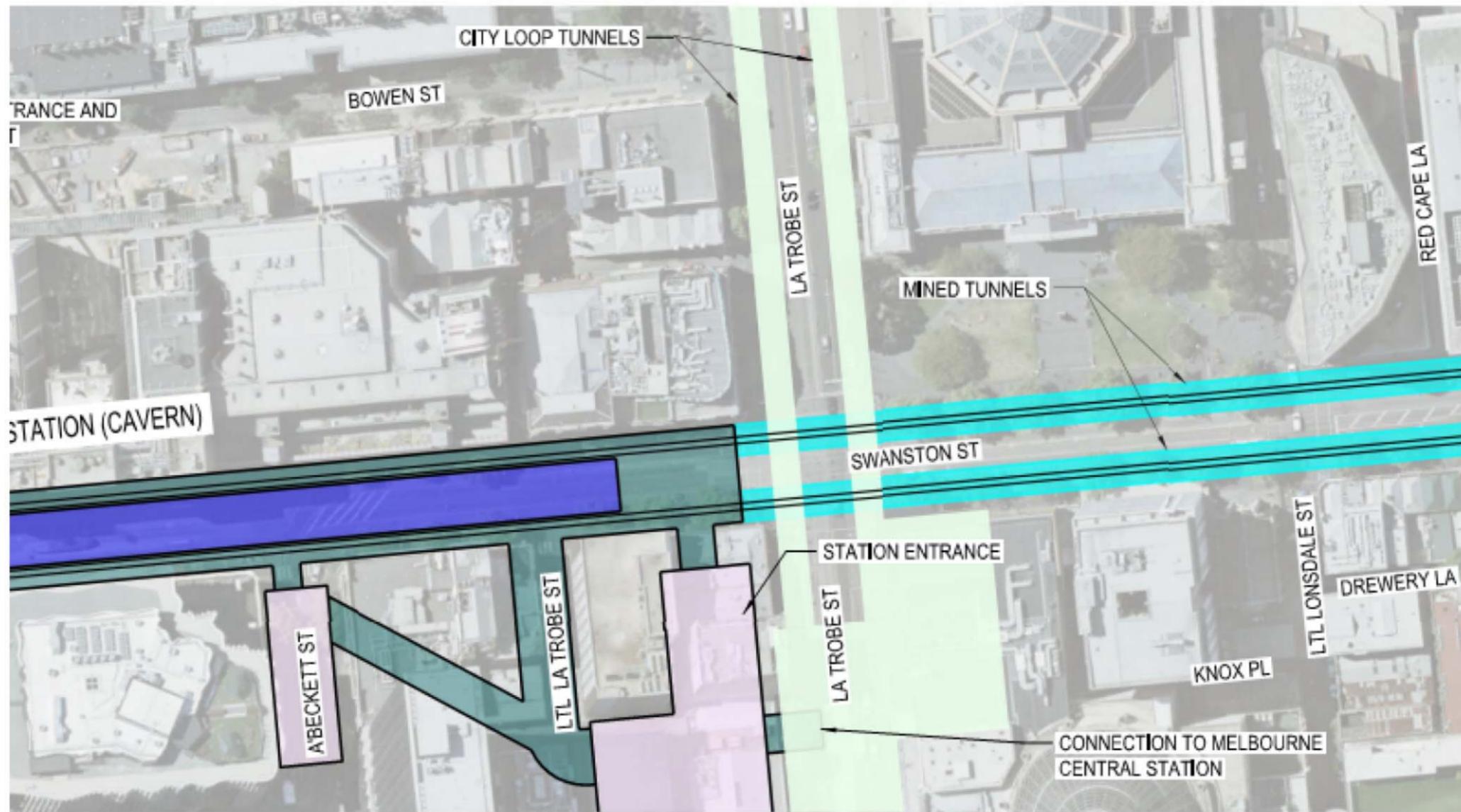
PROJECT NAME
 MELBOURNE METRO RAIL PROJECT
 LOCATION
 MELBOURNE CITY LOOP TUNNELS

DRAWN BY:
 AJM
 SHEET SIZE:
 A3

DATE:
 25-07-2016
 SCALE:
 NTS

PROJECT SKETCH NUMBER:
 ATTACHMENT 1
 DESCRIPTION:
 CITY LOOP TUNNELS

Attachment B



PROJECT NAME
MELBOURNE METRO RAIL PROJECT
LOCATION
CBD NORTH

DRAWN BY:
AJM
SHEET SIZE:
A3

DATE:
29-07-2016
SCALE:
NTS

PROJECT SKETCH NUMBER:
Attachment 2
DESCRIPTION:
UNDERGROUND CONNECTION TO MELBOURNE CENTRAL STATION