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**From:** John Casserly  
**Sent:** 12 August 2009 20:01  
**To:** Graeme Barclay  
**Subject:** FW: York Place Review Meeting - Actions

**Importance:** High

FYI

John

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**From:** Michael Blake  
**Sent:** 11 August 2009 08:16  
**To:** Kevin Gray; Michael O'Connor; Graeme Younger; John McAloon - TSS; Phil Dobbin; John Casserly  
**Cc:** Rachael Warrington  
**Subject:** York Place Review Meeting - Actions  
**Importance:** High

All,

Further to yesterday's meeting please find below the actions that I noted along with the owners and associated timescales:

**Actions:**

- Sewer on west side of Elder Street that conflicts with BT and SW diversions: **tie** to instruct Scott Wilson to undertake a flow and load assessment to determine what, if any, reduction can be made to the sewer cross section to allow for a "section" to be taken out of the sewer to accommodate the BT and SW sewer crossings. Two flow scenarios to be modelled, 1) Normal flow and 2) Future flow allowing for 20% growth. Owner – **GY** to progress with Scott Wilson.
- SW 400mm diversion crossing above sewer. **tie** to instruct Scott Wilson to design a twin crossing of the sewer, this might be 2 x 250mm. Owner – **GY** to progress with Scott Wilson.
- BT crossing of sewer: If a "section" cannot be taken out of sewer then the BT may have to be routed beneath it. This may impact on TM arrangements at the junction of York Place and Elder Street. CUS to

provide a drawing showing what worksite they would require to lay the BT ducts beneath the sewer such that we can assess the TM required to provide the CUS requested work site.

Owner – **KG** to request worksite drawing from CUS

- BT manholes/ducts in York Place: Produce a design options paper to go to BT  
Owner – **MOC**
- Produce a list of outstanding works by area from Annandale Street to North St Andrew Street using the areas as shown on the CUS draft programme received on Monday 10<sup>th</sup> August.  
Owner – **KG** to lead with support as required from MOC/MB/GY
- Tram service duct details: We need to understand the extent of the service ducts that will be laid parallel with the tram. INFRACO team to provide copies of the design for the service ducts.  
Owner – **PD** to provide
- Broughton Street/York Place junction: AECOM to provide TM proposals for installing utilities across this junction  
Owner – **MB** to progress with AECOM with support from RW

**ALL ACTIONS TO BE COMPLETE BY CLOSE OF PLAY MONDAY 17<sup>TH</sup> AUGUST 2009 – PLEASE ADVISE IN ADVANCE IF THIS ISN'T REASONABLY ACHIEVABLE**

**Note:** The design options in terms of preference are:

- 1) Take a section out of the sewer and lay the BT and SW diversions across the top of the sewer, and build a manhole locally to the east of the sewer
- 2) Twin the water and fan out the BT across the sewer (no section removed) and **do not** build a manhole locally either east or west of the sewer
- 3) Twin the water and fan out the BT across the sewer (no section removed) and build a manhole locally to the west of the sewer
- 4) Twin the water across the sewer and take the BT beneath the sewer and build a manhole locally to the east of the sewer

Let me know if I have missed anything or not captured the notes or actions correctly.

I will issue a meeting invite this morning for a further meeting on Tuesday 18<sup>th</sup> August, following this I hope that we will be in a position to issue any required papers/TQ's/design papers to utilities on Wednesday 19<sup>th</sup> August.

Regards  
Michael

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