**Contract No.: NSW-T-C-1695**

December 2008 saw some construction activity on Sefton Dive with the completion of the Stage 1 enabling works earthworks and structural works at Cooper Road Bridge. Work on E&RW1 Earthworks and Retaining Wall Works and BR1 Bridgeworks was limited to the installation of barrier fencing, and installation of external traffic control measures to define work areas, this work was carried out within the limitation of the DECC Construction License granted on 27<sup>th</sup> November 2008. The Construction License covered the area between Cooper Road, Birrong and Miller Road Chester, Hill, a variation to this license was granted on 23<sup>rd</sup> December 2008 to allow construction works to commence in the remaining area to Bareena Street, Canley Vale.

**Sefton Dive**

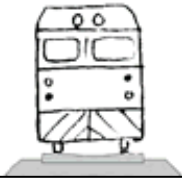
The Sefton Dive package construction is slowly ramping up since project award in late November '08. Bulk excavation was undertaken safely and successfully in December under and adjacent to Cooper Road Bridge in preparation for piling, rocknail and shotcrete works in January.

Progress to date includes: -

- Main site compound establishment complete.
- Delineation fencing installation Auburn Rd Bridge to 75m east of level crossing (100%).
- Underbridge pile P7 (100%), P1 (70%).
- New stanchion footing pile GP2 (100%).
- Baseline survey complete.
- Reinforcement delivery for underbridge piles.
- Structural steel delivery for soldier piles to underbridge.
- Stage 1A bulk excavation under and adjacent Cooper Rd Bridge (100%).
- Stage 1A underpinning piling (100%), carried out early January '09.
- Stage 1A underpinning deflection wall C reinforcement delivered to site.
- Piled wall PW5 pile reinforcement delivered to site.
- PW5 piling commenced (in week ending 17/01/09).

Planned Progress: -

- Stage 1A rocknailed and shotcrete walls to be completed during February.
- Stage 1A deflection walls under Cooper Rd bridge completion in February.
- Piling to Wellington Rd PW6 & PW7 to be completed in February.
- Capping beam to PW5 to be constructed in February.



### **E&RW1**

During December the installation of the delineation fencing developed along Stage 2 & started in Stage 4. The same progressed in January expanding works in Stage 4 & 5.

Installation of temporary sheet piles for RW – 100 is in progress.

Progress to date includes: -

Stage 2 - Woods Road Sefton to Chester Hill Road Chester Hill

- Delineation fencing in corridor completed.
- Site 1 and Site 2 – Satellite compounds established.
- Jersey barrier delineation fencing west of Sefton Station entrance 80% completed.
- Site 3 – West of Hector Street clearing and grabbing completed for area adjacent RW-100.
- Site 3 – Initial environment setout established for mentioned area.
- Temporary sheet piling at RW100 in preparation.

Stage 3- Chester Hill road Chester Hill to Woodville Road

- Delineation fencing inside corridor completed 20%.

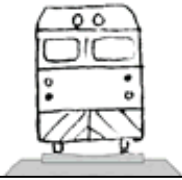
Stage 4 – Woodville Road to Prospect Creek

- Delineation fencing inside corridor completed 60%.

Planned Progress: -

Currently scheduled works for E+RW1 in February 2009 are:

1. **Stage 2:** Completion of clearing and grabbing works; top soil removal; Completion of delineation fencing in and out of rail corridor & initially sediment setup.
  - Site 1: Excavation for RW-040; Concrete footing for RW-040; Start on Bock works and backfill material for RW 040; Completion of Noise piles and pile caps under RW-070 (variation works); Footing for RW 070.
  - Site 2: Piling for PW010; Start on Pile caps for PW010; Excavation for RW 080; Concrete footing for RW 0-80; Start on Bock works and backfill material for RW 080.
  - Site 3: Completion of temporary sheet piling for RW-100 (wall ch 110-223m) Waler Beam temporary Prestressed anchors for same area to RW-100;
2. **Stage 3:** Completion of Delineation fencing inside corridor
  - Site 4: Clearing and grabbing; Start excavation for structural layer



- Site 5: Clearing and grabbing; Initial environmental setup
- Site 6: No works scheduled in February 2009
- 3. **Stage 4:** Completion of clearing and grabbing works; top soil removal; Completion of delineation fencing in and out of corridor & initially sediment setup.
- Site 7: Excavation works for RS 025
- Site 8: No works are scheduled for February 2009
- 4. **Stage 5:** Completion of Delineation fencing inside Corridor
- Site 9: No works scheduled for February 2009

**BR1**

Arengo has undertaken an extensive services location and validation exercise with the services being pothole excavated and survey positioned at regular intervals.

A site compound has been established near the worksite on RTA road-reserve land. The compound has been serviced with electricity, communications, water and sewer connection.

**Contract No.: NSW-T-C-1696**

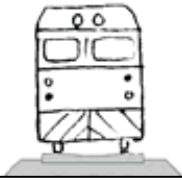
On 23rd December 2008 the Department of Climate Change and the Department of Planning granted a variation to the original Construction License allowing restricted works to commence on both BR4 Prospect Creek and BR5 Liverpool Piled Slab during the Configuration 5 possession commencing 2<sup>nd</sup> January 2009. Site clearing on BR5 and abutment sheet piling on BR4 commenced on 2<sup>nd</sup> January 2009.

**BR4**

Arengo has undertaking an extensive services location and validation exercise with the services being pothole excavated and survey positioned at regular intervals.

The January 2009 closedown possession was used at Prospect Creek to install temporary sheet pile shoring wall at each abutment of the bridge. Large quantities of VENM select material has been imported during December 2008 for use as temporary embankment fill to enable the piling rig to establish and drive the long sheets.

A site compound has been established near the worksite in Canley Vale, on RailCorp land. The compound is serviced with electricity, communications, water and sewer connection.



**BR5**

Clearing of the embankment has been completed as well as survey check of it and services location for the access area and slab area.

Progress to date includes;

- Tree clearing completed.
- Survey check completed.
- Service location completed.
- Access in progress.