

Project Name	<b>M70 LOOP GATHERING LINE</b>
Project Date	3 <sup>rd</sup> June 2016
End Client	Santos
Suffcon's Client	Santos
Total Project Value	Unknown
Suffcon's Project Value	\$950,000
Project Scope	<p>Santos has identified several regions of high pressure in the Fairview gas gathering network which can affect the deliverability to HUB04 compressor station.</p> <p>Network modelling has indicated that the inclusion of a new DN710 gas gathering line from M70 to M17, with a connection at M15, will help alleviate the high pressure in Fairview Central and improve the flow rates to the Hallet and Springrock Redirection Lines which flow to HUB04.</p>
Suffcon's Scope	<p>Pipeline Installation (Civil - excavation, lowering &amp; backfill) - HDPE-PE100-SDR13.6 DN710 - Other than rock with depth of cover 1200mm (Flat to 10% grad.) using a Vermeer T1055 trencher to a depth of 1910mm, 4 x 30 tonne excavators and a grader with spotters/labourers.</p> <p>Extra Over for Excavation in Rock using a 30 tonne excavator with a Rock Breaker attachment.</p> <p>3 x Low Point Drain Bell Hole excavations using 30 tonne excavator and labour/spotter, 3 x Unmade Road Crossing (URX) - HDPE- PE100-SDR13.6 DN710, 1 x Graded Road Crossing (TRX) - HDPE-SDR13.6 DN710 and 1 x Minor Watercourse Crossing (WCX) - HDPE- PE100-SDR13.6 DN710 using trenching methodology.</p> <p>5 x Crossing of Santos Pipeline or Utility - HDPE- PE100-SDR13.6 DN710 and 2 x Crossing of Foreign Pipeline or Utility - HDPE- PE100-SDR13.6 DN710 using 30 tonne excavators, live dig methodologies, Excavation Coordinators and spotters/labourers.</p> <p>1 x Crossing of overhead powerlines (PPX) using trenching methodology in addition to visual warnings and extra spotters/labourers and the crossing of 2 x fences using trenching methodology and labour to reinstate fencing details.</p> <p>Topsoil Stripping to nominal 100mm depth, 7m wide and stockpiled at ROW perimeter boundary and Grading ROW (Spoil left in Windrow on ROW) using a grader and spotter/labourer.</p> <p>1 x Seal Road Crossing (RDX - Bored &amp; Cased) - HDPE- PE100-SDR13.6 DN710 - Total length 60m using directional drilling sub-contractors assisted by a Vac-Truck, semi water cart and an excavator.</p> <p>The provision of MDR's and as-built drawings.</p> <p>Cleaning of construction plant &amp; equipment prior to mobilisation to site, mobilisation (including site offices, facilities, construction plant equipment), staff mobilisation costs (inclusive of pre-start medical and inductions) and demobilisation (including site offices, facilities, construction plant equipment &amp; staff).</p>





