

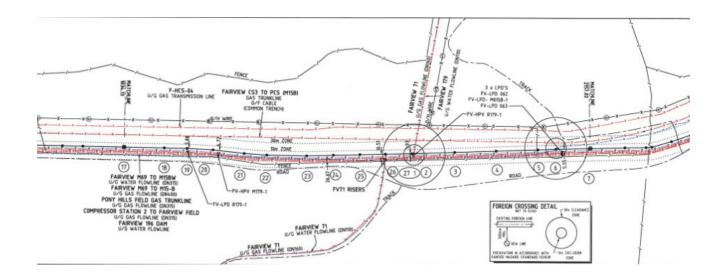


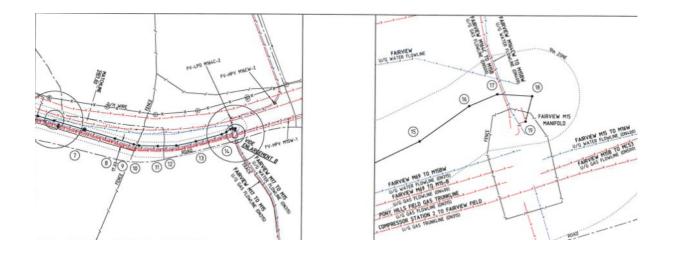
Project Name	M70 LOOP GATHERING LINE
Project Date	3 rd June 2016
End Client	Santos
Suffcon's Client	Santos
Total Project Value	Unknown
Suffcon's Project Value	\$950,000
Project Scope	Santos has identified several regions of high pressure in the Fairview gas gathering network which can affect the deliverability to HUB04 compressor station. 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.
	Pipeline Installation (Civil - excavation, lowering & 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. Extra Over for Excavation in Rock using a 30 tonne excavator with a Rock Breaker attachment.
	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.
	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.
Suffcon's Scope	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.
	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.
	1 x Seal Road Crossing (RDX - Bored & 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.
	The provision of MDR's and as-built drawings.
	Cleaning of construction plant & 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 & staff).
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PROJECT DATA SHEET



Suffcon's Deliverables	Compliance schedule
Suffcon's Man Hours	7260 hrs
Safety Highlights	Incident Free
Environmental Highlights	Incident Free





PROJECT DATA SHEET



