

Paukumu Stream Culvert Construction



VALUE: \$450,000.00 **LOCATION:** Paukumu Stream, SH1, Paekakariki **COMPLETION**

DATE: April 2006 **CONTACT:** Les Jones 027 2218000 CPG Ltd/ Reuben Pohekia

Scope of Works

The Scope of this project was to upgrade a size of a road culvert that crossed SH1 it was the one that caused all of the flooding in Paekakariki.

Relocate 75m of water main and install 28m of 1600mm stormwater Culvert under SH1 including two poured insitu header walls.

Project	Value	Project Details
Pipe Laying	\$180,000.00	Install new 28 metres of 1600mm dia Stormwater pipe, 75 meters of 150mm dia PVC water main across SH1.
Pavement & Surfacing	\$10,000.00	Reinstate the road crossing of the pipeline approximately 25 tonne of asphalt.
Structures & Manholes	\$160,000.00	Reinforced concrete head walls, wing walls and fish ramps ether side of SH1 poured insitu at depth of up to 5m a total of 120 cubic metres of concrete and 50 tonne of reinforcing was used in its construction. Debris arresters installed up stream to add protection for the structure.
Miscellaneous Works	\$10,000.00	Install Guard Rail and fencing.
Earthworks	\$2500.00	There was approximately 1500 cubic metres of earth that was cut to waste in this project.
Health & Safety Traffic Management	\$35,000.00	Provided constant access for the local residents while adhering to all H&S regulations. Full Traffic management on SH1.
Environmental Management	\$15,000.00	The Resource management Plan of Wellington Regional Council called for the continued flow of the stream allowing free passage for fish. This was achieved by implementing a comprehensive construction program and schedule limiting any effect to the local wild life to a minimum.
Tender Price:	\$390,000.00	
Final Contract Price	\$450,000.00	TBA
Sub-Contractors	-	Nil
Contractors Performance	All of the works were completed to specification, and on time.	

Commencement dates	Completion Date	Original Due Date	Extended Due Date	Explanation of Differing Dates
January 2006	April 2006	March 30 th 2006	April 2006	Additional Safety improvements around the inlet and outlet structure as the fall was 5 metres.