

# Raumati Stormwater Upgrade



**VALUE:** \$750,000.00 **LOCATION:** SH1, Paraparaumu **COMPLETION DATE:** 17<sup>th</sup>

October 2005 **CONTACT:** Kieran O'Malley (MWH (04) 381 6700) Peter Roach (MWH (04) 381 6700)

## Scope of Works

The Scope of this project was to install 400 metres of twin 450mm HDPE in a drain along the side of STH1. We then built a new lane in the highway and installed kerb and channel and a new footpath and reinstated the road with a chip seal. The low lying area was prone to flooding and the new system stopped the floods and provided a new road for the public.

Project	Value	Project Details
<b>Pipe Laying</b>	\$400,000.00	Install new approximately 400 metres of twin 450mm pipe, 80 metres of 225 pipe, one highway crossing. 400 metres of 200mm watermain and associated laterals for KCDC.
<b>Pavement &amp; Surfacing</b>	\$85,000.00	Install an asphalt surface and reseal roadways, approximately 500 metres of new road was built with kerb and channel and footpath.
<b>Structures &amp; Manholes</b>	\$45,000.00	Install 7 sumps and 8 manholes with depths up to 4 metres.
<b>Earthworks</b>	\$250,000.00	Import and install over 6500 cubic metres of AP 65/ Cut to stock pile, Cut to waste, and stock pile to fill.
<b>Health &amp; Safety Traffic Management</b>	\$65,000.00	Provided and maintained full traffic management on SH1 with a vehicle count of 18000 cars per day.
<b>Environmental Management</b>	\$10,000.00	All of the work was completed to the resource conditions set out in the documents without incident.
<b>Tender Price:</b>	\$487,000.00	
<b>Final Contract Price</b>	\$750,000.00	An old water main was discovered and it was in the way. We had to shift the main so the new stormwater system could be installed.
<b>Sub-Contractors</b>	\$25,000.00	J Walters Ltd sprayed the tar seal.
<b>Contractors Performance</b>	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
June 24 <sup>th</sup> 2005	October 24 <sup>th</sup> 2005	September 14 <sup>th</sup> 2005	October 20 <sup>th</sup> 2005	A watermain was encountered during the course of construction that needed to be moved. The contract was stood down for a period of three weeks. The process of the watermain installation took one month, as the section was 400 metres long. Completed on time with the additional work.

