

# BOSS 2000 HDPE

## Storm Sewer Pipe

"taking the industry by storm"

### OWNER

City of Richmond

### DESIGNER

City of Richmond

### CONTRACTOR

E. Mathers Bulldozing Ltd.

### LOCATION

Richmond, B.C.



The City of Richmond, a lowland community with intensive urban development, has an annual Storm Sewer budget of approximately \$3 to 4 MM. Traditionally the pipe of choice for large diameter storm sewer in the City has been reinforced concrete. Following a technical presentation by Armtec staff, the City Engineering Department tendered a storm sewer project in the spring of 2002 – for the first time specifying BOSS 2000 320 kPa HDPE Storm Pipe as an approved alternate to concrete pipe.

The successful tenderer, E. Mathers Bulldozing Ltd., selected BOSS 2000 320 kPa HDPE Storm Pipe. The project consisted of replacing an existing ditch with approximately 300 m of 525 mm and 120 m of 600 mm storm sewer. In order to save time, the Contractor elected to go with pre-manufactured manholes, featuring BOSS 2000 Bells pre-cast into the manhole risers.

The contractor saved valuable installation time by using inserta-tees to tie in existing service connections. Using a standard drill and hole-saw, the crews were able to tie in each service connection with a flexible connection in under 15 minutes – from start to finish.

As proof of its success, here are some of the Contractor's comments:

- *"Pipe was easy to use"*
- *"Inserta-tees were a breeze – much nicer than concrete connections"*
- *"2 guys were able to maneuver a piece of pipe into place"*

*"I hope to use it more than concrete in the future."* Mr. Al Baxter, E. Mathers Bulldozing Ltd.

Based on Armtec's success of this Capital Project in the City of Richmond, the City wrote an approval letter (see over) - further validating the success of BOSS 2000 320 kPa HDPE Storm pipe in the City of Richmond.

## CASE HISTORY

**BOSS 2000  
320 kPa HDPE  
Storm Sewer  
Pipe  
First in City of  
Richmond**



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