

PROJECT DATA SHEET

Project Name : West Coast Highway

Project no. : 9461

Country :

Malaysia

State / Region :

Taiping to Banting

Client :

West Coast Expressway Sdn Bhd

No. of Professional Staff Involved :

8

No. Of Professional Man - Months :

N/A

Approximate Value of Services :

RM 3 billion

Start Date :

June 2011

Completion Date :

On Going



Associate firms (if any) :

Description of Project and Services Provided:

The route of the proposed West Coast Expressway (WCE) extends down the west coast of Peninsular Malaysia from Taiping in Perak, to Banting in Selangor. The WCE will comprise approximately 255km of high quality expressway extending from the junction between Federal Route 60 and Federal Highway Route 1 (near Changkat Jering Interchange on the north south Expressway) in the north, down to a junction with State Road B18 (which runs between Banting and the new Kuala Lumpur International Airport at Sepang) in the south.

The northern length of almost 277km runs from Taiping Interchange down to the new Klang straits Bypass while the Southern Length of around 28km runs from the Federal Highway Route 2 at Kampung Jawa down to Banting. Approximately 70 percent of the project length traverses through coastal terrain characterised by alluvial soil with deep seated clay. Extensive amounts of peaty soils were also experienced. Various types of soft ground treatment applied for the project included embankment surcharging with vertical wick drains, dig-outs of soft material below ground level, use of piled embankment, expanded polystyrene blocks, etc.

Services:

- Preliminary Design
- Hydrological study
- Geotechnical Investigation
- Engineering Supervision