

# Nakhon Si Thammarat Highway (Route No.403)

## Thailand 2001 – 2004



### Client

Department of Highways  
Ministry of Transport & Communications  
Royal Thai Government

### Description & Main Quantities:

Route No. 403 from Nakorn Si Thammarat to Amphur Ronphiboon – JR 41 is partly funded by (75 %) by an ODA loan from Japan Bank for International Cooperation (JBIC). Works include rehabilitating and upgrading 31.3 kilometers of existing road to 4-lane divided highway standard. Principle quantities are

- Embankment	563,000	cu.m.
- Selected material	202,000	cu.m.
- Subbase	138,200	cu.m.
- Soil-cement base	148,050	cu.m.
- Asphaltic concrete	167,640	cu.m.
- R.C. bridge, slab type	906	lin.m.
- R.C. bridge, girder type	1,616	lin.m.

**Designed by: D.O.H. Design Division and Consultants**

**Consultant : NK/TEAM/TEC**

**Constructed by  
Christiani & Nielsen (Thai) PCL**

### Date of Commencement:

28<sup>th</sup> January 2002

### Date of Completion:

21<sup>st</sup> July 2004



CHRISTIANI & NIELSEN