

URL: <http://www.ko-marutaka.co.jp/>

E-mail: marutaka@ceres.ocn.ne.jp

Phone +81-88-845-1510 Facsimile +81-88-846-2641

28-2 Minamimachi Azono Kochi-city KOCHI 781-0014 JAPAN

KOCHI MARUTAKA CO., Ltd.

株式会社 高知丸高 

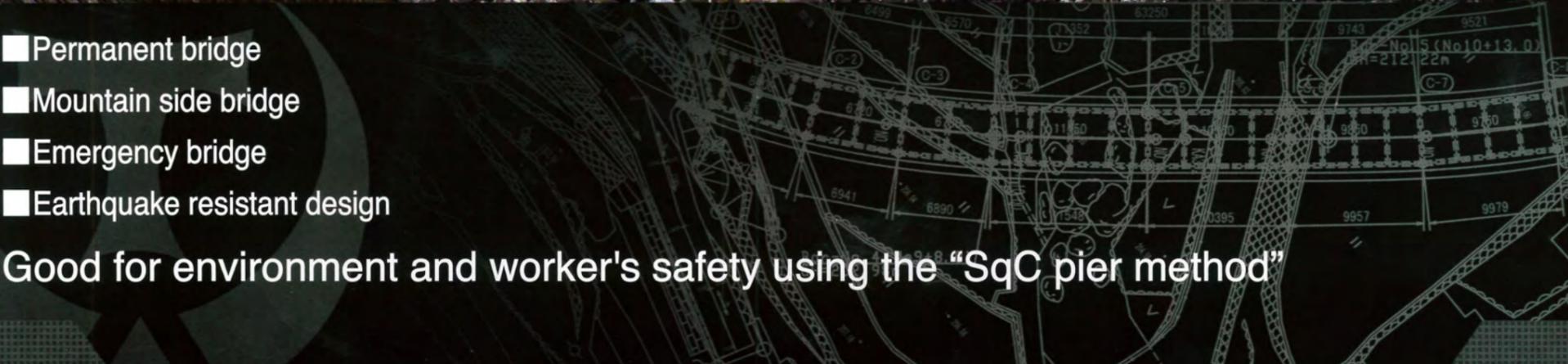
KOCHI MARUTAKA CO., LTD.

STEP BRIDGE



- Permanent bridge
- Mountain side bridge
- Emergency bridge
- Earthquake resistant design

Good for environment and worker's safety using the "SqC pier method"





STEP BRIDGE using the SqC pier method

THE GENERAL DESCRIPTION OF THE STEP BRIDGE

The SqC pier method uses procedures opposite to conventional methods.

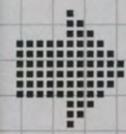
The first step is to build the superstructure and the second step is to build the substructure of the bridge.



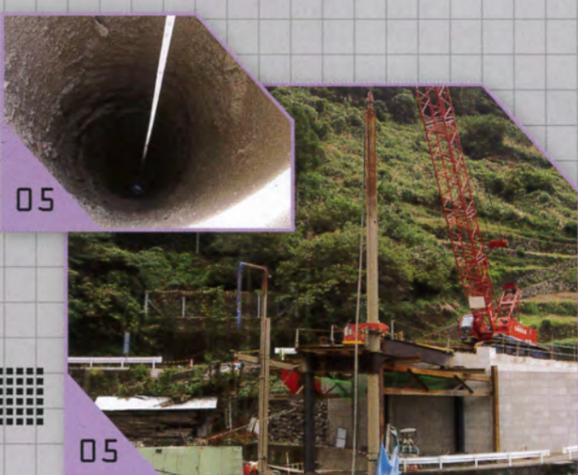
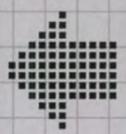
01 Factory made



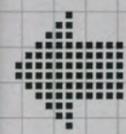
02 Jobsite assembling



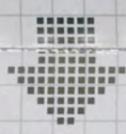
06 Bearing pile drilling (DHD method)



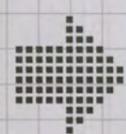
05



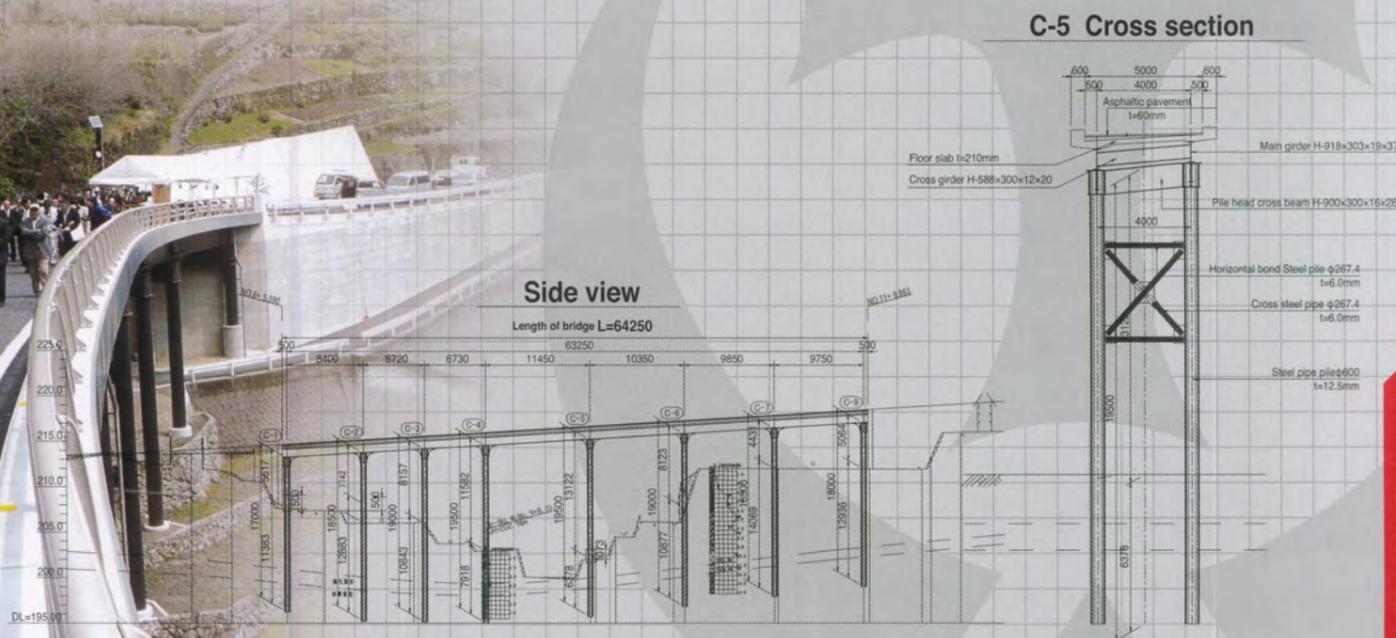
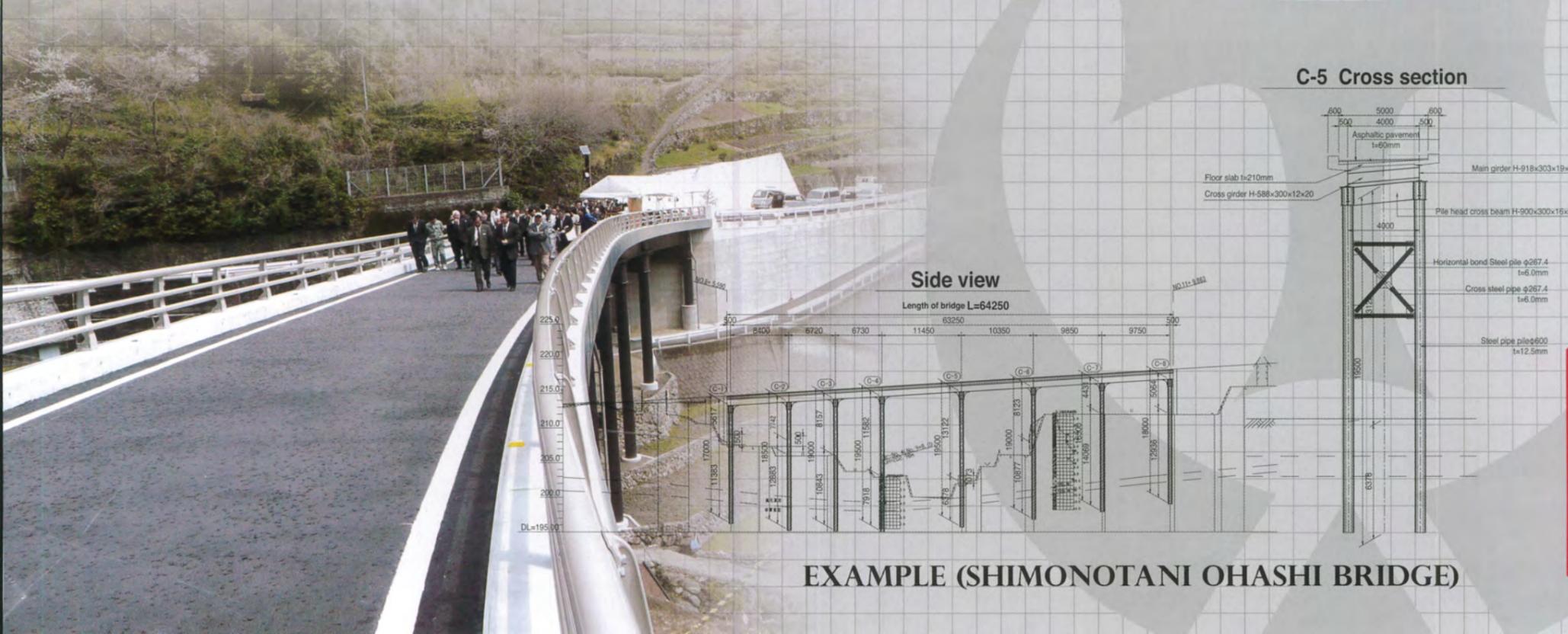
04 Build superstructure



07 Floor slab



08 Completion



EXAMPLE (SHIMONOTANI OHASHI BRIDGE)



EXPERIENCE OF CONSTRUCTION

STEP BRIDGE



Shimonotani Ohashi Bridge



Syoda-Ino line Bridge



Yunishigawa Dam



Tarumiike connecting bridge



Awaji Island

SqC PIER METHOD



Hiroshima Airport Bridge



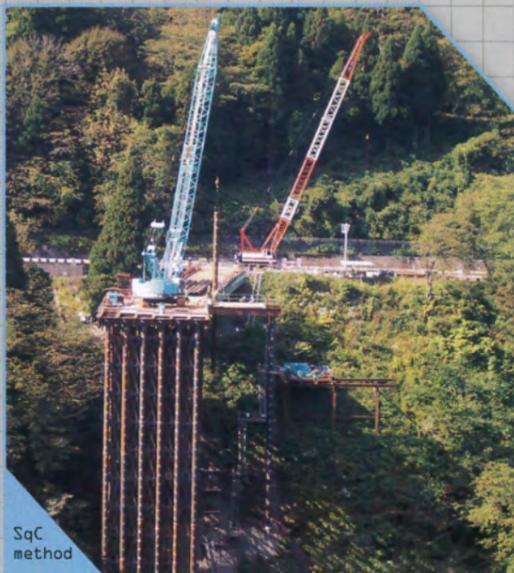
Takizawa Dam



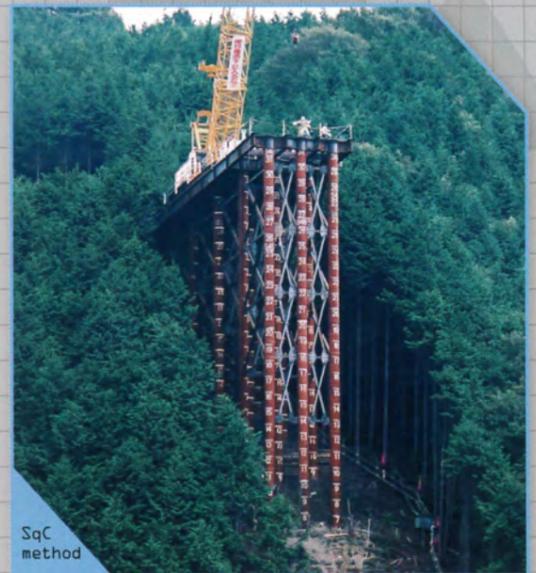
Shinteisyaku Dam



Hirokami Dam



Syogawa Bridge



Shinmaruyama Dam