

9 Feature articles:

Development of Infrastructure

— Efforts on Financial Resources and Implementation Schemes —

09 | Overview EMOTO Tomokazu, SEKI Satoshi

10 | Article 1 : History of infrastructure development after the Second World War and outlook for the future
OHISHI Hisakazu

14 | Article 2 : A demagogic discussion "a shortage of infrastructure funding"
FUJII Satoshi

17 | Article 3 : Utilization of private funds for infrastructure development
MIYAMOTO Kazuaki

20 | Article 4-1 : Project Method for the Construction of the Complexed Infrastructures
in Osaka City
TERAO Yutaka

22 | Article 4-2 : New efforts for residents increase of collaboration with private sector in Kawachi-Nagano City
KOIKE Satoshi

24 | Article 4-3 : Adoption Program of PPP scheme for the Infrastructures by Naming-Rights method
NOMURA Norihiko

26 | Article 4-4 : Challenges Faced in Overhauling Public Facilities in Hadano City
SHIMURA Takashi

02 PHOTO REPORTS

02 | The first trapezoidal CSG dam in the world — Construction of Tobetsu Dam —
ISHIKAWA Isao

04 Meet the Expert Mr. HASE Tomoki

06 Admiration of Civil Engineering Heritages by JSCE: Civil Engineering Heritage Sites Selection

No. 100 Abuta Hydraulic Power Plant: Plans Taking Advantage of Terrain Characteristics
KOMURO Masato

34 The Way to Associate Professional Civil Engineer ! No.5 AIZAWA Takatoshi

38 CE Report

38 | The history of the high-performance concrete — Expectation to UFC —
ISHIZEKI Yoshikazu, YOSHIDA Koichiro

42 | The first trapezoidal CSG dam in the world — Construction of Tobetsu Dam —
ISHIKAWA Isao, YAMAMURA Norio

46 | Shinkansen project in consideration for conservation of the Black-faced Spoonbill listed as endangered
— Kyushu Shinkansen Hikawa Bridge — OKUMURA Seizi, SUZUKI Seishin

50 | JSCE Updates

61 | New Papers on J-STAGE

66 | Opinions

70 | Next Issue

57 | CE Careers

62 | JSCE Calendar

68 | This Issue's Contributors