



MAA Bulletin

ISSUE 35
MAY 2003



New Building of Yang Ming Junior High School, Yunlin County



亞新工程顧問(集團)公司
MAA Group Consulting Engineers

TAIPEI KAOHSIUNG HONG KONG SINGAPORE PENANG
LOS ANGELES BEIJING SHANGHAI BANGKOK



MAA Bulletin

Issue 35 May 2003

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MAAGroup Consulting Engineers is a multi-disciplinary consulting firm providing professional services to both private and public clients. Today, MAA Group has offices in Taiwan, Hong Kong, Singapore, Malaysia, Thailand, U.S. West Coast, and Mainland China, creating a close network in the Asian Region.

MAA Group's goal is to establish engineering capability that will meet local needs. Along with the change in socio-economic environment over the years, business philosophy of the group has been modified. Today, professional service is no longer a product under the rule of supply and demand. The service is transformed as an asset to the client with long lasting benefits. MAA Group's principle for professional conduct is summarized in the **ASSET** motto:

Advanced Technology
Project **S**afety
Client's **S**atisfaction
Economical Solution
Timely Completion

ISO 9001 CERTIFICATION



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PROJECTS APRIL 2002 – SEPTEMBER 2002

In the six months period from 01 April to 30 September 2002, the MAA Group Companies have completed 89 projects and commenced 108 new projects. The projects completed include design of 27 pharmaceutical and chemical facilities, 41 geotechnical studies and designs, 11 design of infrastructures (including High Speed Rail) and development projects. The new projects include 68 design projects, 1 construction management, 1 common duct design, 2 GIS, 4 environmental, 34 geotechnical related work and 21 pharmaceutical related design.

RECONSTRUCTION OF 921 CHI-CHI EARTHQUAKE DAMAGED SCHOOLS

Two years after the catastrophic 921 Chi-Chi Earthquake that attacked central Taiwan on 21 September 1999, students of the 22 primary and junior high schools in Yunlin County, Chiayi County, Chiayi City, Tainan County and Tainan City damaged during the earthquake are back to their classrooms in brand new buildings. In these reconstruction projects, MAA Taiwan was employed by the Ministry of Education to provide project management services including program development, selection of architects, construction tender process, contract management and quality assurance. Challenge to the project manager is huge amount of work with scale of 164,000 square meters floor area at scattered sites to be completed within tight schedule. Nevertheless, all difficulties were overcome by careful planning, intensive coordination and the teamship established among all relevant parties. Certificates of Appreciation from administration of the schools flooded the mailbox of MAA Taiwan due to excellent performance in project management service.



Certifications of Appreciation from Administration of the Schools



New Building of Yang Ming Junior High School, Yunlin County

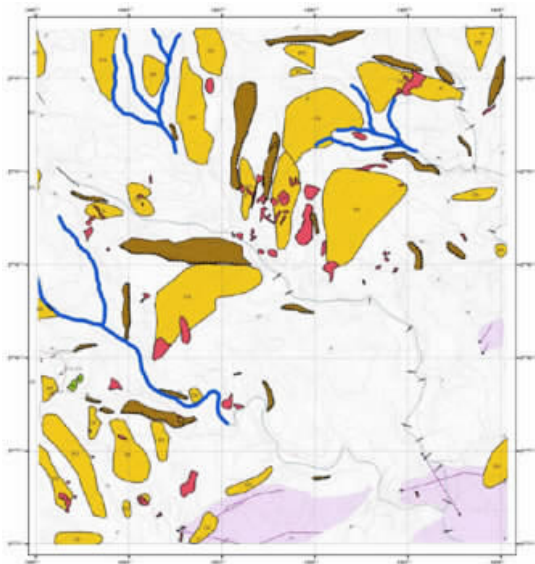
GIS PROJECTS

In the past two years, the Geomatics Department of MAA-Taiwan has been actively involved in developing Geographic Information System (GIS) for various types of projects. During the 6 months period between 01 April 2002 and 30 September 2002, MAA Taiwan was awarded three important GIS projects by three government agencies. They are the Central Geology Survey, the Taipei County Government and the Planning & Construction Administration of the Ministry of Interior.

STUDIES AND INVESTIGATION ON GEOLOGICAL HAZARD OF HILL SLOPES IN NORTHERN TAIWAN - PHASE I

As part of the national hazard mitigation program, the Central Geological Survey of Taiwan, ROC initiated a 5-year project to compile information related to environmental hazards, including debris flows, rock falls, landslides, erosions, abandoned mines and cavities, etc., into a GIS

system so the development of hill slopes can be better regulated and managed. MAA was awarded with the first phase of the study which covers 314 maps of 1/5,000 scale in northern Taiwan, or about 2,110 square kilometers, including Taipei City, Keelung City, Hsinchu City, and parts of Taipei County, Hsinchu County as well as Miaoli County. Potential environment hazards are identified by studying aerial photos and confirmed by field reconnaissance. Historical events are studied and documented. Software modules are developed to identify potentially sensitive areas of geological hazards based on geographic factors, such as gradient and surface runoff, and geological factors, such as the nature of rock formations, faults, dips and strikes, etc.



Environmental Hazard Map

GIS SYSTEM FOR ROAD MAINTENANCE SYSTEMS AND UNDERGROUND UTILITIES - PHASE 1

To be able to manage underground utilities for the purpose of minimizing excavations of road surface and the associated accidents, such as rupture of water mains and/or gas pipes, the Taipei County Government initiated a 3-year project calling for integration of information related to underground utilities and road systems into a GIS system. The system also has the function of evaluation of applications for permits for installation of new utilities and issuance of such permits. The first phase of study calls for the establishment of the GIS system and compilation of existing data in two cities, namely, Sanchung and Luchou. In the remaining phases, data in the entire county, with a total area of 2,046 square

kilometer and a population of 3.5 millions, will be incorporated into the system. The locations of gas pipes, water mains, power lines, oil pipes, telecommunication lines are obtained from relevant owners and the information is verified and converted into a unified format. The locations of manholes are confirmed by surveys. Several application modules have been developed to streamline the process of application for permits for opening up road surfaces. A web-based system allowing internet access has the mechanism of evaluation of the validity of these applications.



Web-based GIS System for Road Maintenance System

GIS SYSTEM FOR 18 METROPOLISES ON THE TAIWAN ISLAND - PHASES 2 & 3

As part of government's national drive for automation, the Planning and Construction Administration of the Ministry of Interior, Taiwan, ROC is actively promoting the establishment of GIS to compile information related to the planning of road systems, transportation networks and urban developments. The purpose of the project is to plan road systems and transportation networks based on the latest information available.

The project calls for the establishment of GIS system for the 18 metropolises in Taiwan, including compilation, integration and incorporation of geographic maps, geological maps, road maps, and social and economical data which are important to the planning of transportation networks. Application modules have been developed to facilitate automation and optimization of system planning of road systems and improvement of traffic flows.

TAIWAN HIGH SPEED RAIL PROJECT - ADDITIONAL WORK

From 01 April 2002 to 30 September 2002, two new contracts of the Taiwan High Speed Rail Project were awarded to MAA:

Project:

Contractor's Independent Checking Engineer for Major Temporary Works Design of THSR S220 Hsinchu Station

Contractor:

Diaho Corporation

Location:

Chubai City, Hsinchu County

Scope of Services:

The HSR Hsinchu Station is to be located in Chubai City, located in Hsinchu County, eleven kilometers from Hsinchu City itself. The Station will serve the greater area of Hsinchu County, as well as the northern part of Miaoli County. The HSR Hsinchu Station is an elevated platform station, with four trackways and two side platforms. Station facilities are to include the Station public areas, operations spaces, commercial areas, station building services and additional transport facilities including parking garages, bus terminals, and queuing and waiting areas for taxis and private cars. A connection is also planned to the Hsinchu Liuchia R14/B1 MRT Station.

MAA is engaged by Daiho Corporation, the Contractor of THSR S220 to provide the independent checking and site verification services for their major temporary works design and construction.



Web-based GIS System for Road Improvement System

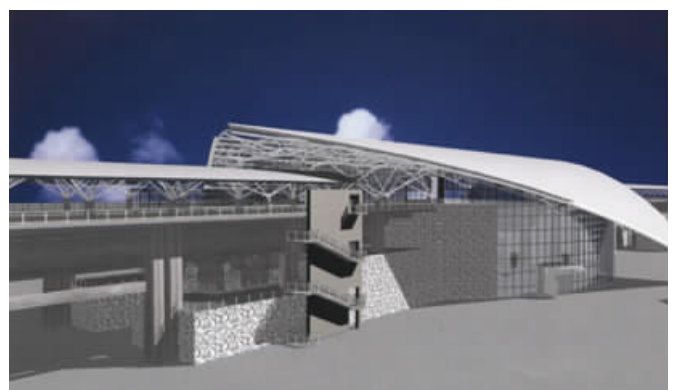
COMMON DUCT

To meet the future power supply demand of the Xian-Du substation of the Taiwan Power Company, the Taipei City Government undertook the detail design of the common duct program on the Da-Du Road. The project will have a total length of 3.4 km of a two-cell DUCT. The 161KV and 22.8KV high voltage cables are contained separately in the DUCT. The construction will be completed in June 2005 with estimated total cost at NTD 1.05 billion (approximately USD 30 million).

MAA was commissioned by the Taipei City Government in March 2002 to undertake the detail design for the project.



Da-Du Road Common Duct



THSR Hsinchu Station

Project:

Detailed Design and Construction Design Services for Taiwan High Speed Rail Project Contract C250

Contractor:

HBP Joint Venture

Location:

Taichung County

Scope of Services:

MAA is engaged by HBP JV, the Contractor of THSR C250 to provide the detailed design services of DU08.02, DU15.04, DU15.08, DU15.09, DU15.10, one three span continuously viaducts and 1.0 km precast I girders viaducts. The services include the definitive design, intermediate design, final design and their construction design.



THSR Contract C250

LONGHUA HOSPITAL

After keen competition, MAA Shanghai won it's first hospital design project. The Longhua Hospital is a comprehension hospital with long history in Shanghai, China. It is particularly famous for its Chinese Traditional Medicine all over the Mainland.

The new building has 11 stories with total height of 49.15m and floor area of 33,980 sq.m. The out-patient clinic and emergency rooms will be moved to the new building after it is completed. MAA's service includes all architectural, civil and M/E design.



Shanghai Longhua Hospital

PROPOSED AMAN HOTEL SINGAPORE

M/s Pontiac Hotels Private Limited is planning to develop a new site at Tomlinson Road / Cascaden Road, Singapore for hotel development. The proposed development comprises of the construction of a 19-storey hotel building with two-level basement car parks. M/s Moh and Associates (S) Pte Ltd was engaged by the Engineer, M/s Worley Pte Ltd on behalf of Client to provide geotechnical consultancy service including soil investigation work and geotechnical analysis with regard to foundation system and basement construction works of the proposed project.

Cargo and Mail Commercial Terminals Suvarnabhumi International Airport

The project consists of an international and a domestic cargo & mail commercial terminals. The international terminal building with floor area of about 90,000 sq.m. for cargo handling and 30,000 sq.m. for office, will be designed to handle cargo up to 966,000 tons per year in year 2005 and extend to have the capacity of 1,226,000 tons per year in year 2010. The domestic terminal building will be designed for cargo handling capacity of 85,500 tons per year in year 2005 and 117,800 tons per year in year 2010. The total project cost is MB 3,779 including MB 2,233 for building and MB 1,526 for equipments.

The consortium, including MAA Consultants Co., Ltd. as the lead firm, Pacific Consultants International (Thailand) Co., Ltd., Pacific Consultants International Co., Ltd. and Inter Design Co., Ltd., will be awarded a contract by Thai

Airways Public Company Limited to do detailed design for cargo handling system with equipments, architectural and engineering work within the period of 8 months.

Since Thai Airways was given by NBIA a tight schedule to build all their buildings within the time frame of the new airport, the designers will be contracted to prepare several bid packages for Fast Track construction such as piling work, structural work, architectural work, M&E work and equipment work.



Cargo and Mail Commercial Terminals Suvarnabhumi International Airport

LABORATORY ACCREDITATION

In addition to the ISO 9001:2000 certificate, the Geotechnical Engineering Laboratory of MAA Taiwan was awarded the Chinese National Laboratory Accreditation Certificate by the Chinese National Laboratory Accreditation Council on 1 March 2003.



PROFESSIONAL ACTIVITIES .

LECTURES AND CONFERENCES

CROSS-STRAIT GEOTECHNICAL CONFERENCE

After several years of inactivity, the geotechnical communities of the two sides of the Taiwan Strait resumed discussion on exchange and cooperation in year 2001. A Cross-Strait Conference on Geotechnical Engineering was held in Shanghai from 22nd to 24th April 2002. The Conference with the theme Urban Underground Construction and Environmental Protection was co-organized by the China Deep Foundation Society and the Sino-Geotechnics Research and Development Foundation of Taiwan. The three days conference was attended by over 110 participants from China and 75 from Taiwan. One hundred papers were presented and 23 organizations & companies participated in exhibition.

Mr. Shaw-Wei Duann, Deputy Manager of the High Speed Rail Project, Mr. Ting-Chiun Su, Project Manager in Geotechnical Engineering of MAA Taiwan and Dr. Za-Chieh Moh attended the Conference. Dr. Moh delivered a keynote lecture on Retrospect of Taipei Rapid Transit Systems.

WORLD METRO SYMPOSIUM

In April, 25th to 27th, the 2002 World Metro Symposium and Exhibition was held in Taipei under the organization of the Department of Rapid Transit Systems, Taipei City. MAA staff presented papers and participated in discussions. They include Dr. Richard N. Hwang, Senior Vice President and Mr. Yung-Kang Yang, Senior Geotechnical Engineer of MAA Taiwan, and Mr. Sio-Keong Kong, General Manager of MAA Singapore.

SPET LECTURE

On 16 May 2002, Dr. Za-Chieh Moh delivered a talk on "Geotechnical History of the Development of the Suvarnabhumi International Airport" to the Society of the Professional Engineers, Thailand in Bangkok.

ACMSM 17

The 17th Australasian Conference on the Mechanics of Structures and Materials was held at the campus of the

Griffith University in Gold Coast Australia from 12th to 14th June 2002. At the invitation of the Organizing Chair Professor Yew-Chaye Loo, Dr. Za-Chieh Moh delivered an invited lecture on the 1999 Chi Chi Earthquake of Taiwan.

GEOLOGICAL CONFERENCE

From 30 June to 6 July, Dr. Richard N. Hwang, Senior Vice President and Mr. C.C. Huang, Deputy Manager of Geomatics Department of MAA Taiwan attended the 4th Sino-British-Italian Geological Conference on Landslides and Debris Flows in Active Geodynamic Environments in Padua, Italy and subsequent technical tour. A paper entitled Landslides and Debris Flow Prevention and Mitigation Program in the City of Taipei was presented at the conference.

CROSS-STRAIT SEMINARS ON CONSULTING BUSINESS

Dr. Za-Chieh Moh, as President of Taipei Federation of Engineering Consultants led a delegation with members of the Chinese Association of Engineering Consultants, Taipei, China and Taipei Federation of Engineering Consultants visited Beijing from 18th July to 22nd July 2002. Dr. Za-Chieh Moh and Mr. Se Chien-Minh, Director of China National Association of Engineering Consultants jointly hosted a seminar on Consulting Business in WTO Environment, Mr. Steve Wang, Senior Vice President of MAA Taiwan, made a presentation on Prospects of Cross-Strait Interaction between Consulting Professionals. Also attended the seminar and subsequent visit to the silk road from MAA included Dr. Za-Lee Moh, Chairman and Mr. Richard J. Moh, Special Assistant to the President.

Two months later, a delegation of China Exploration & Design Association led by President Mr. Yi-Liang Wu visited Taipei from Sept. 16 to 25. Dr. Za-Chieh Moh and Mr. Yi-Liang Wu jointly hosted a seminar on Technology Exchange of Cross-Strait Engineering Professionals. Mr. Steve Wang made a presentation to introduce the Administrative System of Engineering Professional in Taiwan.

HORA SEMINAR

In conjunction with the First meeting of the Heads of Road

Authorities of the Asian and Australasian Region, the Road Engineering Association of Asia and Australasia organized an one day seminar on key opportunities challenges on Road Development in Asia and Australasian on 19 April 2002. Dr. Za-Chieh Moh was invited to attend the seminar.

PROFESSIONAL SOCIETIES AND MEETINGS

ACES

In July 2002, Mr. Sio-Keong Kong, General Manager of MAA Singapore was nominated by the Association of Consulting Engineers Singapore (ACES) as their representative to serve as a member in the Technical Committee (TC) on Civil Works and Geotechnical Works organized by the Standardisation Department, SPRING Singapore (formerly Singapore Productivity and Standards Board) for a three-year term.

MAA HOLDING

The two semi-annual meetings of the Board of Management of the MAA Consultants Holding Co., Ltd., the parent company of MAA Group companies were held on 10th & 11th May 2002 in Taipei and on 8th & 9th November 2002 in Hanoi, Vietnam. Hanoi was chosen as the meeting venue for the purpose of exploring the market situation in the Mekong Region, particularly Vietnam.



MAA Consultants Holding Ltd. Board Meeting, Taipei

CONFERENCES, SEMINARS, AND OTHER MEETINGS

SEMINAR DESCRIPTION	SPONSORSHIP	LOCATION	START	END
Site Visit of Geological Setting and Engineering Structures along the New Central Cross-Island Highway in the Chen-Yu-Lan Creek Area	Taiwan Geotechnical Society	Nantou	01/04/2002	02/04/2002
The 9th International Conference on Computing in Civil and Building Engineering	Chinese Institute of Civil & Hydraulic Engineering / Department of Civil Engineering, National Taiwan University / National Taiwan University Civil Engineering Culture & Education Foundation	Taipei	03/04/2002	05/04/2002
Conference on The Development of Transportation Engineering and Pavement Repair and Management System in Taiwan	Construction Management Association, R.O.C.	Taoyuan	03/04/2002	03/04/2002
2002 Taiwan-Canada Workshop on Bridges Engineering	National Center for Research on Earthquake Engineering	Taipei	08/04/2002	09/04/2002
Seminar on The Most Advantageous Tender and Turnkey	Taiwan Construction Research Institute	Taipei	09/04/2002	10/04/2002
Seminar on Public Engineering Debris Countermeasure	Taiwan Construction Research Institute	Taipei	11/04/2002	12/04/2002
Seminar on Application of Controlled Low Strength Materials	Taiwan Construction Research Institute	Taichung	18/04/2002	18/04/2002
Lecture on New Techniques on Dam Engineering	Sinotech Foundation for Research & Development of Engineering Sciences & Technology	Taipei	19/04/2002	20/04/2002
Seminar on Public Construction Cost Estimate Systems	Professional Structural Engineers Association, R.O.C.	Taipei	19/04/2002	19/04/2002

SEMINAR DESCRIPTION	SPONSORSHIP	LOCATION	START	END
Cross-Strait Seminar on Urban Underground Construction and Environmental Protection	Sino-Geotechnics Research and Development Foundation (Taipei) /Deep Foundation Society (China)	Shanghai	21/04/2002	25/04/2002
Seminar on The Application of Value Engineering	Taiwan Construction Research Institute	Taipei	22/04/2002	23/04/2002
Workshop of Seismic Evaluation and Retrofit Design of Bridges	Taiwan Construction Research Institute	Taipei	22/04/2002	23/04/2002
2002 World Metro Symposium & Exhibition	Department of Rapid Transit Systems, Taipei City Government	Taipei	25/04/2002	27/04/2002
Workshop on Application of Construction Information Technology & Standard aecXML	Construction Management Association, R.O.C.	Taipei	26/04/2002	26/04/2002
Seminar on Integrated System for Tunnel Support Design	Sinotech Engineering Consultants, Inc.	Taipei	07/05/2002	07/05/2002
Conference of Liquefaction Engineering Practice on Chi-Chi Earthquake	The Center for Space and Remote Sensing Research, National Central University	Taoyuan	13/05/2002	14/05/2002
Training on ISO-17025-General Requirements for the Competence of Calibration and Testing Laboratory	Jyh-Yuan Consultants Co. Ltd	Taipei	15/05/2002	17/05/2002
Seminar on Government Procurement Contract and Practices	Construction Management Association, R.O.C.	Taipei	15/05/2002	15/05/2002
Seminar on Seismic Hazard Mitigation and Associated Micro-Vibration Control of High-Tech Industrial Structures	National Center for Research on Earthquake Engineering, R.O.C.	Taipei	17/05/2002	17/05/2002
Workshop on Engineering Technique of Steel Construction	Chinese Institute of Steel Construction, R.O.C.	Taipei	18/05/2002	18/05/2002
Seminar on Ground Subsidence Management	Energy & Resources Laboratories, Industrial Technology Research Institute, R.O.C.	Hsinchu	20/05/2002	20/05/2002
LAB Leader Training Course	Jyh-Yuan Consultants Co. Ltd.	Taipei	23/05/2002	24/05/2002
Seminar on The Structure Analysis Concept of MRT Underground Station	Sinotech Engineering Consultants, Inc.	Taipei	23/05/2002	23/05/2002
Middle Taiwan Natural Conservation Conference 2002	National Museum of Natural Science	Taichung	24/05/2002	24/05/2002
The 22nd Sino-Japanese Modern Engineering and Technology Symposium	Chinese Institute of Engineers, R.O.C.	Taipei	27/05/2002	29/05/2002
The 22nd Chinese-Japanese Engineering Technology Symposium-Track Vehicle Division	BOTHSR & China Engineering Consultants, Inc.	Taipei	28/05/2002	28/05/2002
The 22nd Chinese-Japanese Engineering Technology Symposium - Research of the Preparation Work Plan of Green Embankment	Water Resource Agency, MOEA	Taipei	28/05/2002	28/05/2002
Evaluation and Inspection Research Study of Principal Points for Water and Soil Conservation	Sinotech Engineering Consultants, Inc.	Taipei	31/05/2002	31/05/2002
Seminar on Promotion of Private Participation in Infrastructure Projects	China Engineering Consultants, Inc.	Taipei	31/05/2002	31/05/2002
Class of Research & Study of Railway Engineering	Industrial Development Bureau, MOEA	Taipei	06/06/2002	06/06/2002
Workshop of Design and Construction of SRC Building Structures	Chinese Architecture & Building Center, R.O.C.	Taipei	06/06/2002	07/06/2002

SEMINAR DESCRIPTION	SPONSORSHIP	LOCATION	START	END
Dale Carnegie Training	Dale Carnegie & Associates, Inc.	Taipei	07/06/2002	19/07/2002
"FORBIDDEN" NO MORE: China's Private Sector Opens for Business	Asian Venture Capital Journal	Beijing	12/06/2002	14/06/2002
Airport Planning Seminar	Institute of Transportation, MOTC; Chinese Institute of Civil & Hydraulic Engineering	Taipei	13/06/2002	14/06/2002
Special Topics Presented by Yangtse River Hydraulic Committee, PRC	Sinotech Foundation for Research & Development of Engineering Sciences & Technology	Taipei	17/06/2002	18/06/2002
The Meeting about Making A Description of Environmental Impact Assessment Act	Environmental Protection Administration, R.O.C.	Taipei	18/06/2002	18/06/2002
Model I Training Courses of Value Engineering	Chinese Society of Value Engineering, R.O.C.	Taipei	22/06/2002	20/07/2002
Fifth Seminar on Groundwater Resources and Water Quality Protection	National Yunlin University of Science & Technology	Yunlin	26/06/2002	27/06/2002
4th Sino-British-Italian Geological Conference	National Research Council of Italy	Italy	29/06/2002	10/07/2002
International Lectures (1) Wind Resistant Design for Building (2) Earthquake Resistant Design for Building	The Center for Hazard Mitigation and Prevention, National Central University	Taoyuan	08/07/2002	08/07/2002
13th Hydraulic Engineering Conference	Research Center of Soil & Water Resources & Disastrous Prevention, National Yunlin University of Science & Technology	Yunlin	10/07/2002	11/07/2002
Training Course for Manager of Labor Safety Sanitation	Chinese Safety Sanitation Development Association	Taipei	11/07/2002	07/09/2002
Symposium on Tunnel Planning · Design · Construction and Disaster Prevention	Institute of Occupational Safety & Health, Council of Labor Affairs, Executive Yuan/China Engineering Consultants, Inc.	Taipei	12/07/2002	12/07/2002
Seminar on Design and Construction of Underground Work for KMRT Project	Kaohsiung Professional Civil Engineers Association	Kaohsiung	13/07/2002	13/07/2002
Site Visit for C210 of High Speed Rail Project	Chinese Institute of Civil and Hydraulic Engineering	Taipei	19/07/2002	19/07/2002
Arbitration Training Class	The Arbitration Association of Construction Dispute, Taiwan	Taipei	20/07/2002	28/07/2002
Seminar on Public Construction Cost Estimate Systems	Taiwan Construction Research Institute	Taipei	25/07/2002	26/07/2002
Intelligent Transportation System, Architecture Seminar	Institute of Transportation, MOTC	Taipei	26/07/2002	26/07/2002
Workshop for Design Concepts of Reinforced Walls, Slope and Embankments	Chinese Geotectonic Association	Taipei	30/07/2002	30/07/2002
Seminar on Project Management Practice in China	Institute of Construction Engineering & Management, National Central University	Taoyuan	05/08/2002	07/08/2002
Seminar on Construction Safety and Environmental Protection	Bureau of New Construction, Taipei City Government	Taipei	15/08/2002	15/08/2002
Infrastructure Practical Series Seminar-Highway Flexible Pavement Design	China Road Federation	Taipei	15/08/2002	16/08/2002
Fifth Groundwater Resources and Water Quality Protection Conference	National Yunlin University of Science & Technology	Yunlin	15/08/2002	16/08/2002

SEMINAR DESCRIPTION	SPONSORSHIP	LOCATION	START	END
2002 Seminar on Prevention and Counter Measures Against Debris Flow	Council of Agriculture, Executive Yuan/China Soil and Water Conservation Society	Taipei	16/08/2002	16/08/2002
2002 Annual Conference of the Corrosion Engineering Association of the Republic of China	The Corrosion Engineering Association, R.O.C.	Taichung	22/08/2002	23/08/2002
New Technology of Slope Stabilization Conference	Construction Engineering Dept., National Taiwan University of Science and Technology	Taipei	23/08/2002	23/08/2002
6th National Conference on Structural Engineering	Chinese Society of Structural Engineering/ Department of Civil Engineering, National Ping-Tung university of Science and Technology	Kaohsiung	26/08/2002	28/08/2002
The Breakthrough of Enterprises Problems with Six Sigma	The General Chamber of Commerce of R.O.C	Taipei	28/08/2002	28/08/2002
Seminar on Engineering Applications of Blast Mechanics	College of Engineering, National Taiwan University	Taipei	28/08/2002	28/08/2002
Managing Finances New Trend & Investment Profit Analysis at Financial Holdings Times	The General Chamber of Commerce of R.O.C	Taipei	30/08/2002	30/08/2002
The Strategies for Asset Disposing in the Time of Low Interest Rate	The General Chamber of Commerce of R.O.C	Taipei	03/09/2002	03/09/2002
Training Course for Manager of Labor Safety Sanitation	Chinese Safety Sanitation Development Association	Taipei	04/09/2002	23/10/2002
Cross-Strait Conference on Construction Techniques	Construction Management Association of R.O.C	Xi An	07/09/2002	20/09/2002
Seminar on E-construction	Taiwan Construction Research Institute	Taipei	11/09/2002	11/09/2002
Seminar on Urban Hazards Mitigation	Construction Management Association, R.O.C.	Taipei	11/09/2002	11/09/2002
Conference on Engineering Education and Accreditation	Chinese Institute of Civil and Hydraulic Engineering	Taipei	11/09/2002	11/09/2002
P3 Course	China Engineering Consultants, Inc.	Taipei	12/09/2002	13/09/2002
2002 Annual Conference and Workshop for Rail Engineering Society of Taiwan	Rail Engineering Society of Taiwan	Taichung	13/09/2002	14/09/2002
Cross-Strait Exchange on Professional Engineering	Taipei Federation of Engineering Consultants /Civil Technology Research & Development Foundation	Taipei	17/09/2002	17/09/2002
Site Visit for C210 of High Speed Rail Project	Chinese Institute of Civil and Hydraulic Engineering	Taoyuan	17/09/2002	17/09/2002
Seminar on Construction Safety and Environmental Protection	New Construction Office, Taipei City Government	Taipei	19/09/2002	19/09/2002
Seminar on Application of Multi-Objective Optimization on Irrigation Water	Council of Agriculture, Executive Yuan, R.O.C.	Taipei	20/09/2002	20/09/2002
MapInfo 6.5 Training Program	Geoinfor Scientek Consultant, Inc.	Taipei	26/09/2002	26/09/2002
Site Visit for Zhou-Mei Expressway	Construction Management Association, R.O.C.	Taipei	27/09/2002	27/09/2002
Model I Training Courses of Value Engineering	Chinese Value Engineering Society, R.O.C.	Taipei	28/09/2002	26/10/2002

TECHNICAL PUBLICATIONS

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CHUNG, H.Y., LEE, C.Y., HWANG, R.N. and HUANG, C.C. (2002), "Landslide and Debris Flow Prevention and Mitigation Program in the City of Taipei", *Proc., 4th Sino-British-Italian Geological Conference on Landslides and Debris Flows in Active Geodynamic Environments: Tools and Methods for Risk Mitigation*, 30 June - 6 July, Padua, Venice, Dolomites, Italy

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PERSONNEL MOVEMENTS

NEW APPOINTMENTS

ENGLISH NAME	CHINESE NAME	DEPARTMENT	TITLE	EFFECTIVE DATE
Tzu-Ming Huang	黃慈銘	Geomatics Dept.	GIS Engineer II	03/06/2002
Chih-Huei Chen	陳智惠	Geomatics Dept.	GIS Engineer II	17/06/2002
Yung-Chi Young	楊永祺	Transportation & Civil Engg. Dept. I	Civil Engineer II	17/06/2002
H-Hsian Chien	簡禕嫻	Geotechnical Engineering Dept.	Clerical Assistan	25/06/2002
Wen-Hung Lin	林文弘	Transportation & Civil Engg. Dept. I	Civil Engineer II	01/07/2002
Rong-Song Chen	陳榮嵩	High Speed Rail Project	Civil Engineer I	08/07/2002
Yen-Huan Tu	杜彥寰	Environment Protection Dept.	Environmental Engineer I	08/07/2002
Chuan-Sheng Kao	高傳勝	High Speed Rail Project	Civil Engineer II	11/07/2002
Chi-Min Ko	葛其民	Geotechnical Engineering Dept.	Geotechnical Engineer II	15/07/2002
Yung-Feng Lai	賴永豐	Geotechnical Engineering Dept.	Geotechnical Engineer I	15/07/2002
Cheng-Wei Wu	吳正偉	Administration Dept.	General Affairs Clerk III	18/07/2002
Jiin-Lang Lin	林錦郎	Geotechnical Engineering Dept.	Geotechnical Engineer II	22/07/2002
Chung-Ming Wang	王俊銘	Structural Engineering Dept.	Structural Engineer II	12/08/2002
Chia-Yeh Wang	王嘉燁	Geomatics Dept.	GIS Engineer II	19/08/2002
Kai-Wen Lin	林凱文	Transportation & Civil Engg. Dept. I	Civil Engineer I	29/08/2002
Shu-Wei Chang	張書偉	Transportation & Civil Engg. Dept. I	Civil Engineer II	02/09/2002
Yu-Yun Wu	吳玉芸	Administration Dept.	Trainee	08/09/2002
Kun-Song Tang	湯坤松	Construction Management Dept.	Mechanical & Electrical Engineer II	09/09/2002
Ai-Mei Chiu	邱愛玫	Administration Dept.	General Affairs Clerk II	10/09/2002
Yung-Hsien Chen	陳勇先	Structural Engineering Dept.	Structural Engineer II	16/09/2002
Chi-Hui Fan	范琪惠	Senior vice President Office	Secretary III	24/09/2002

PROMOTIONS

ENGLISH NAME	CHINESE NAME	DEPARTMENT	FROM	TO	EFFECTIVE DATE
Chung-Ho Chiao	焦 中和	High Speed Rail Project	Project Manager	Vice President	01/01/02
Chien-Chung Huang	黃 建忠	High Speed Rail Project	Senior Engineering Geologist II	Senior Engineering Geologist II & Deputy Manager of Geomatics Department	04/19/02
Win-Sen Lin	林 文盛	Supervision Division of the Second Freeway Nantou Section Construction Project	Senior Civil Engineer II & Deputy Manager of the Supervision Division of the Second Freeway Nantou Section Construction Project	Senior Civil Engineer II & Deputy Manager of the Supervision Division of the Second Freeway Nantou Section Construction Project & Deputy Manager of Kaohsiung Office	06/01/02
Ling Wu	吳 領	Supervision Division of the Second Freeway Nantou Section Construction Project	Senior Civil Engineer I & Project Manager of the Supervision Division of the Second Freeway Nantou Section Construction Project	Senior Civil Engineer I & Project Manager of the Supervision Division of the Second Freeway Nantou Section Construction Project & Manager of Kaohsiung Office	07/01/02
Shih-Chang Huang	黃 士彰	Transportation and Civil Engineering Dept I.	Senior Civil Engineer II	Senior Civil Engineer II & Deputy Manager of Transportation I	08/10/02

AWARDS

ENGLISH NAME	CHINESE NAME	DEPARTMENT	POSITION	DESCRIPTION	EFFECTIVE DATE
Shang-Tzone Kuo	郭賢宗	Kaohsiung Office	Civil Engineer I	Received Commendation from the Client for Supervision of the Construction of the Jian-Guo Bridge of the Kaohsiung Municipality	06/06/2002
Jinn-Hwa Yeh	葉晉華	Kaohsiung Office	Civil Engineer III		06/06/2002
HSR Project Contract C260/C270 CICE Team		High Speed Rail Project		Received Special Commendation from the Client for Effort, Quality and Team Spirit	06/06/2002



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