

ASCP 2015 CONCRETE PAVEMENTS CONFERENCE

MONDAY 20 AND
TUESDAY 21 JULY 2015

BREAKFREE AANUKA
BEACH RESORT
11 FIRMAN DRIVE,
COFFS HARBOUR, NSW



PRESENTED BY



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ASCP 2015 Concrete Pavements Conference

Summary Report

ASCP held its third biennial Concrete Pavements Conference at the BreakFree Aanuka Beach resort between 20th & 21st July 2015.

From all accounts, the Conference was an outstanding success. The Conference was attended by 161 delegates, with 14 delegates from overseas. Once again, the support and contribution from ISCP represented by four overseas Directors and two Australian Directors was greatly appreciated by ASCP. Also welcomed was a delegation of eight from the Malaysian cement, concrete and quarry industries.

Presentations included two Keynote addresses and twenty five technical presentations. The presentations covered a wide range of topics including materials, equipment, design, construction & geotechnical aspects related to concrete pavements. While road pavements formed the majority of the presentations, others addressed port, industrial and airfield pavements. On day one of the Conference, there were two parallel session streams each with seven presentations.

Networking among delegates was noticeably strong, and the Resort lawns with ocean views provided a relaxed atmosphere for morning and afternoon teas and lunches for delegates to meet and talk.

The Conference Dinner on the Monday night was attended by 170 people, and was a lively event. During the Dinner, ISCP President Neeraj Buch made a short presentation about current activities and developments within ISCP and provided some insights into the 11th International Conference on Concrete Pavements to be held in San Antonio, Texas in August 2016. A highlight of the dinner function was the presentation of Honorary Membership of ISCP to Geoff Ayton by Neeraj Buch. Geoff was clearly surprised and seemed quite overwhelmed at being recognised with such a prestigious award.

Unfortunately, wet weather resulted in the cancellation of a planned visit to one of the nearby major concrete pavement construction projects on the Pacific Highway.

The Conference was opened on the Monday morning by Todd Myers, President of ACSP and closed on the Tuesday afternoon by Peter Carson, Vice President of ASCP.

On the Wednesday after the Conference the ISCP Directors met with the ASCP National Executive to discuss matters of common interest, furtherance of the good relationship between the two organisations, and a review of the Memorandum of Understanding which was originally signed in August 2007 in Australia.

International Presenters

Neeraj Buch	President, ISCP
Juan Pablo Covarrubias	TC Pavements, Chile; Director ISCP
Julian Dann	GOMACO Corporation, USA (Julian is MD Asia pacific)
Gary Fick	Trinity Construction Management Services, USA
Jim Grove	ATI Inc, Iowa; past Director of ISCP
Alan Ross	BOSFA, NZ
Peter Taylor	NCPTC, Iowa USA; Director ISCP

Keynote Addresses

Bob Higgins, General Manager Pacific Highway, Roads and Maritime Services NSW

This address was titled *Pacific Highway – Where we have come from and where we are going*. It addressed the development of the Pacific Highway from Sydney to the border of NSW with Queensland, a distance of some 824 km (515 miles) to divided carriageway, two lanes each carriageway (or more). There remain several hundred kilometres of highway in the northern coastal region of NSW yet to complete, with a completion date of 31 December 2019 and an expenditure in excess of AUD 8 billion over the four years. There remain several major rivers to be crossed with bridges, some large areas of ‘soft soil’ conditions, and major environmental challenges.

On completion of the Pacific Highway to dual carriageway, the major traffic route in NSW from the southern border with Victoria to the northern border with Queensland will have been completed. This is a distance of some 1,367 km (854 miles) and is the major road link between Melbourne, Sydney and Brisbane, especially for heavy vehicles. This large investment in road infrastructure has brought about substantial reductions in travel times and accidents.

Peter Wellings, Major Projects Executive, WSP/Parsons Brinkerhoff and Deputy Project Director, Pacific Complete.

This address was titled *Woolgoolga to Ballina – A new delivery method*. The Roads and Maritime Services NSW has appointed a delivery partner to manage the delivery of this section of the Pacific Highway, some 155 km (97 miles). The ‘delivery partner’ model was adopted from that used for the 2012 London Olympics.

This presentation addressed the overall program for completion of this section of the Pacific Highway, and many of the challenges to be faced. Some statistics for this project are –

- two major bridge crossings
- flood plain crossings
- soft soil treatment
- environmental management, including four endangered species and rainforest areas
- 200 culverts
- 14.2 million cubic metres of earthworks (18.6 million cubic yards)
- 2.3 million square metres of pavement (2.8 million square years)
- 1.8 million square metres of concrete pavement (2.2 million square years)
- 24 overbridges
- 81 underbridges
- 100 fauna crossings