

JOINTING & STRUCTURAL DETAILING

FOR CONCRETE PAVEMENTS

DATES

Tuesday
November 10, 2020
and Wednesday
November 11, 2020

LOCATION

Online course

COURSE PRESENTER

Geoff Ayton

COURSE FEE

for the full course

ASCP Member:
\$385.00

Non-Member:
\$550.00

includes ASCP Individual membership for current year.

Fee includes:

attendance, course notes, certificate on completion.

Disclaimer

This course is presented for learning and information. The contents of the course do not constitute advice. The information presented does not necessarily represent the views of ASCP.

This course is recommended for **concrete pavement designers, specifiers and supervisors** including:

- > pavement designers
- > specifiers
- > surveillance staff
- > project verification staff & supervisors
- > paving staff
- > project managers

BRING TO THE COURSE

Pen & paper or laptop to take notes (PDFs of course slides will be emailed prior to the course).

TO REGISTER

All registrations must be made through the ASCP website.

Payment options include: EFT, cheque to ASCP, credit card (MasterCard and Visa).

Fees must be paid by Friday 18 September.

No refunds for cancellations made after Friday 18 September, but substitute attendee will be accepted.

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PROGRAM (EACH OF TWO HALF DAYS)

Welcome & Introduction	8.30am
Sessions	8.45am
Morning Tea break	10.30am
Sessions	10.45am
Discussion	12.15pm
End	12.30pm

COURSE ELEMENTS

- > Base formats: PCP, JRCP, CRCP, SFCP
- > Joint types & functions
- > Geometric factors
- > Constructability considerations
- > Reinforcement design
- > Interface design at structures & flexible pavements
- > Sealants
- > Kerbs, barriers & pits
- > Roundabouts

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DETAILS OF COURSE ELEMENTS

BASE FORMATS

Principles of PCP, JRCP, CRCP, SFCP

JOINT TYPES & FUNCTIONS

- > Summary of the function of joint types shown in RMS Standard Drawings

GEOMETRIC FACTORS

- > Slab dimensional limits
- > Corner angles
- > Joint induction
- > Tied widths

CONSTRUCTABILITY CONSIDERATIONS

- > Slipform & fixed-form construction

REINFORCEMENT DESIGN

- > Jointed pavements
- > CRCP

INTERFACE DESIGN AT STRUCTURES AND FLEXIBLE PAVEMENTS

- > Design considerations
- > Anchors

SEALANTS

- > Field-moulded sealants
- > Preformed sealants

KERBS, BARRIERS & PITS

- > Design for compatibility with the pavement

ROUNDBABOUTS

- > Application of design principles to the challenging issues at roundabouts

CYCLEWAYS

- > Issues specific to cycleways

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