**GENERAL NOTES**

See Standard 420001 for joint details not shown.

All dimensions are in inches (millimeters) unless otherwise shown.

**DATE**

- **1-1-97**
- **1-1-18**

**REVISIONS**

- **1-1-16** Revised standard to reflect:
  - change of tie bar spacing to 36 (900) cts.
  - change of terminology to 'welded wire reinforcement'.

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**SECTION A-A**

(FOR PCC PAVEMENT)

- Welded wire reinforcement
- Transverse contraction joint
- No. 6 (No. 19) Tie bars at 36 (900) cts.
- Thickness same as adjacent pavement

**SECTION B-B**

(FOR PCC BASE COURSE WITH HMA SURFACE)

- Welded wire reinforcement
- Transverse contraction joint
- No. 7 (No. 22) bar
- Thickness same as adjacent pavement

**PLAN**

- Ties 8'-6" (2.6 m) min.
- No. 7 (No. 22) bar
- 8'-0" (2.4 m) long (typ.)
- Welded wire reinforcement
- Intersection of tie bars and sawed joint

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**SUBBASE (when used)**

- (1.8 m)
- 6'-0" (90)

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**HMA plug**

- Variable width

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**RAILROAD GRADE CROSSING**

**BASE COURSE ADJACENT TO PCC PAVEMENT AND PCC**

Illinois Department of Transportation

2018 ENGINEER OF POLICY AND PROCEDURES

APPROVED

1-1-97

PASSED

2018

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED

1-1-97

REVISIONS

1-1-18

4-1-16

WELDED WIRE REINFORCEMENT

4-1-16