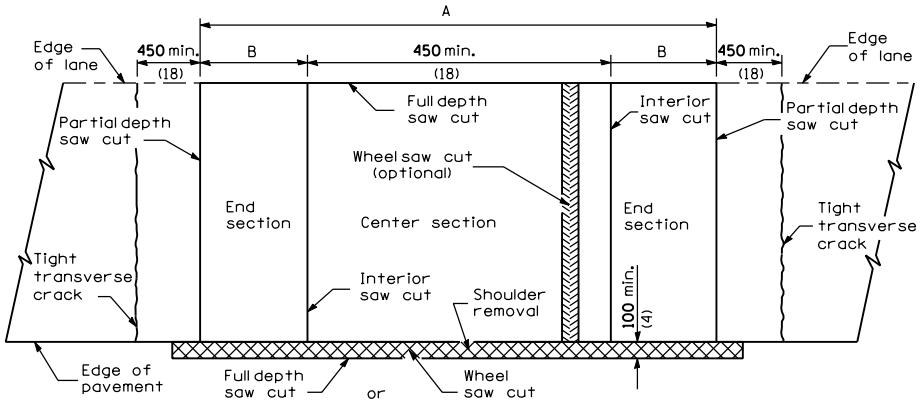
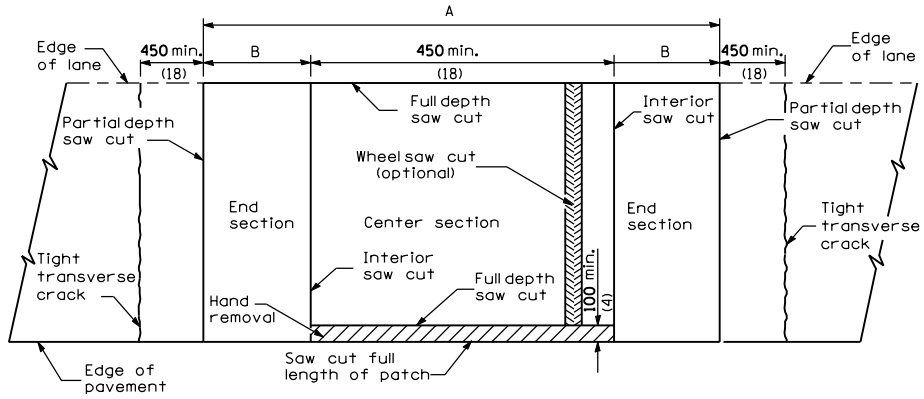


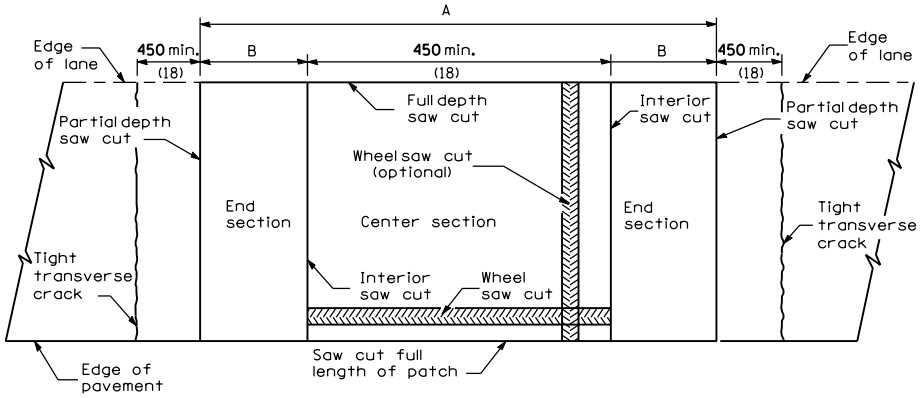
PAVEMENT SAWING DETAIL

(BITUMINOUS SHOULDER)



PAVEMENT SAWING DETAIL

(PCC SHOULDER)



ALTERNATE SAWING DETAIL

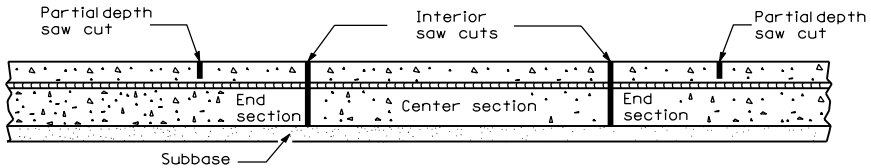
(PCC SHOULDER)

EXISTING REINFORCEMENT BARS	A (min.)	B (min.)	C (min.)
No. 16 (No. 5)	**1.4 m** (4'-6")	**450** (18)	**400** (16)
No. 19 (No. 6)	**1.5 m** (5'-0")	**525** (21)	**475** (19)
No. 22 (No. 7)	**1.7 m** (5'-6")	**600** (24)	**550** (22)
Fabric	**1.5 m** (5'-0")	**525** (21)	**450** (18)

GENERAL NOTES

When patching two adjacent lanes in one operation, the longitudinal joint shall be a sawed longitudinal joint as detailed on Standard 420001; however, the groove shall be either preformed or sawed. Tie bars shall only be included for patches 6.0 m (20') or longer.

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



SAW CUT DETAIL

Illinois Department of Transportation

PASSED January 1, 2003
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2003
ENGINEER OF DESIGN AND ENVIRONMENT

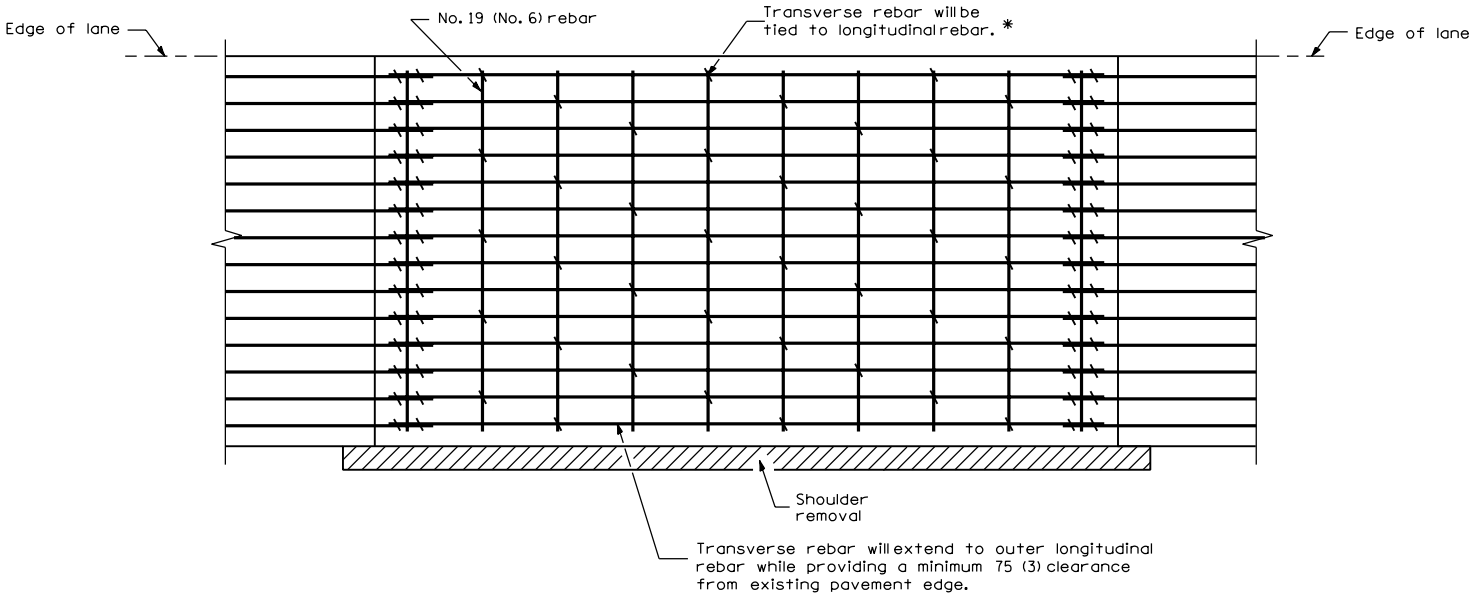
ISSUED 1-1-97

DATE	REVISIONS
1-1-03	Soft-converted metric
	reinf. bars
1-1-98	Added PCC shoulder
	sawing details.

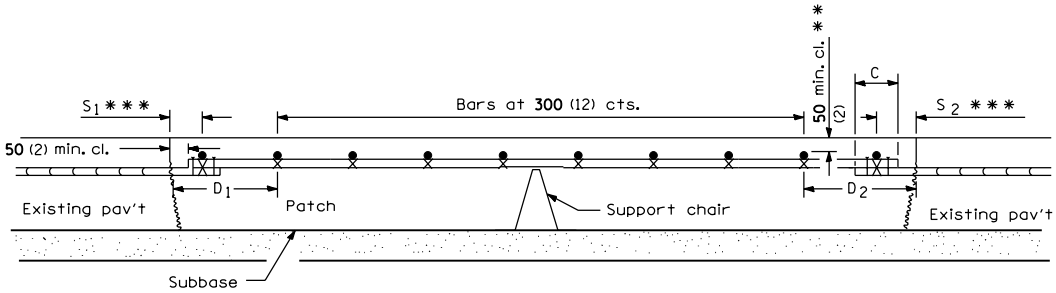
CLASS A PATCHES

(Sheet 1 of 2)

STANDARD 442001-02



PAVEMENT REINFORCEMENT DETAIL



PATCHING DETAIL

* Every 3rd intersection must be tied.

** When the minimum clearance cannot be obtained with the transverse bar on top then the transverse rebar shall be tied to the bottom of the longitudinal rebar.

*** Variable: Where S_1 and S_2 are 65 ($2\frac{1}{2}$) min. and 300 (12) max. $D_1 \geq 2(S_1)$ and $D_2 \geq 2(S_2)$.

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

CLASS A PATCHES

(Sheet 2 of 2)

STANDARD 442001-02

Illinois Department of Transportation

PASSED January 1, 2003
Roger Driskell
ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2003
Michael J. Hine
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97