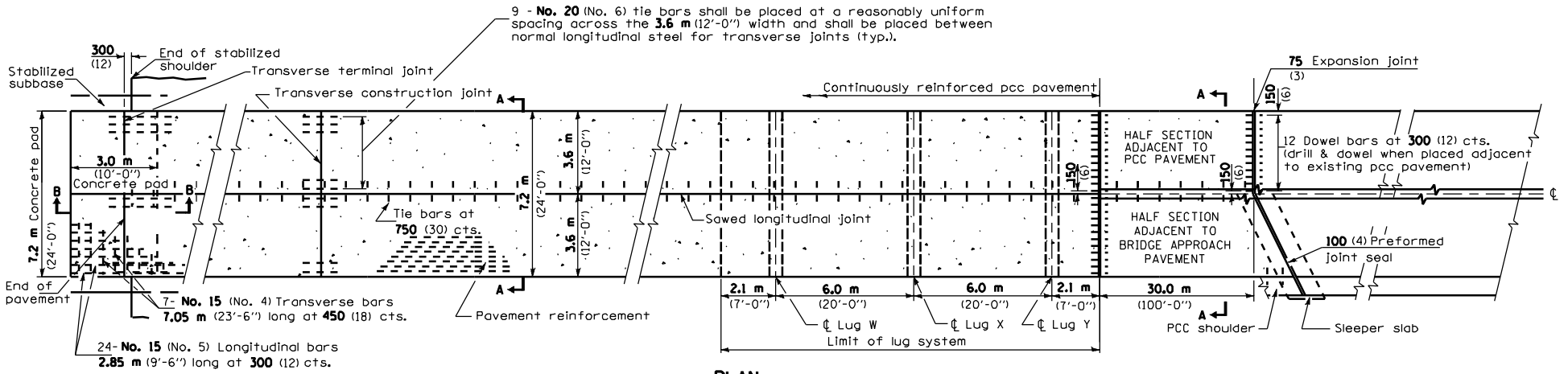
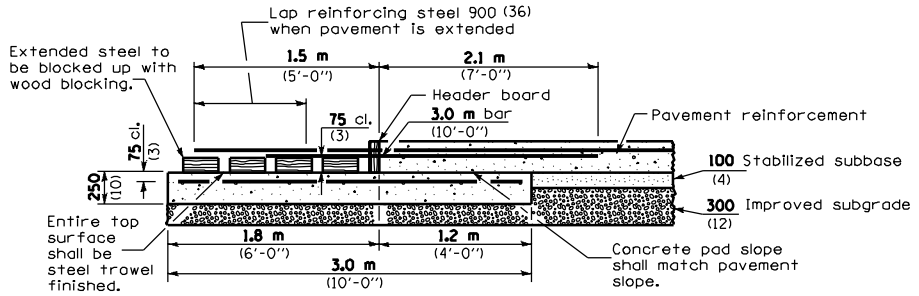
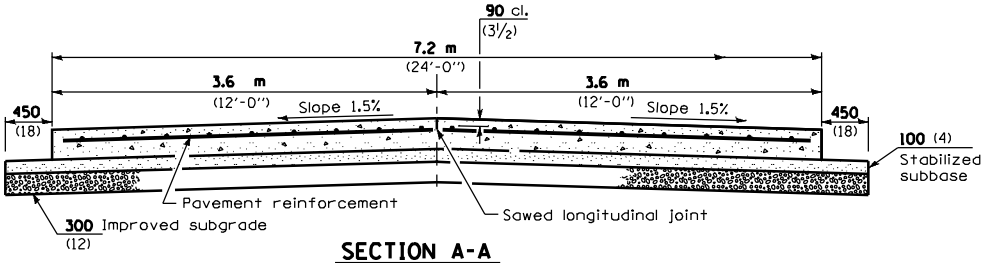


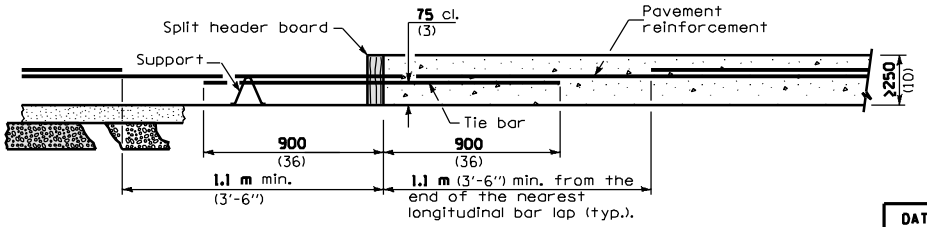
PLAN



TRANSVERSE TERMINAL JOINT
SECTION B-B



SECTION A-A
(TYPICAL 2-LANE WITH SHOULDERS)



TRANSVERSE CONSTRUCTION JOINT

GENERAL NOTES

See Standard 421001 for details of pavement reinforcement.

See Standards 420001 and 420401 for details of joints and tie bars not shown.

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

Illinois Department of Transportation

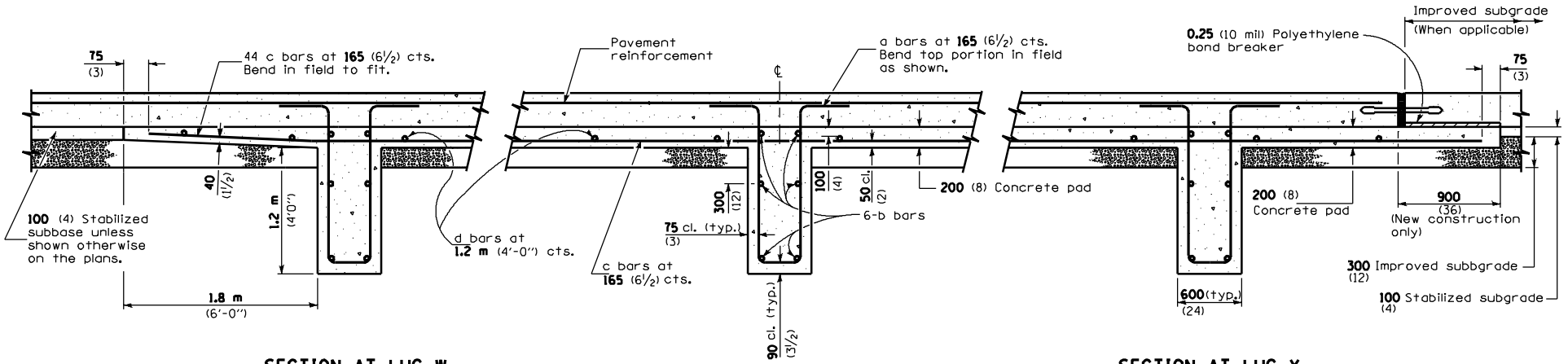
PASSED January 1, 1998
ENGINEER OF POLICY AND PROCEDURES
APPROVED January 1, 1998
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-97

DATE	REVISIONS
1-1-98	Enlarged x-sections and
	clarified clearance dim.
1-1-97	Renum. Standard
	Deleted DN Symbol. Added
	title to SECTION A-A.

7.2 m (24') CRC PAVEMENT
(WITH LUG SYSTEM)
(Sheet 1 of 2)

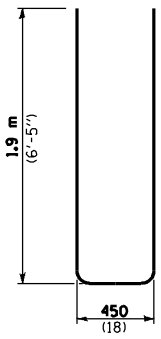
STANDARD 421201-01



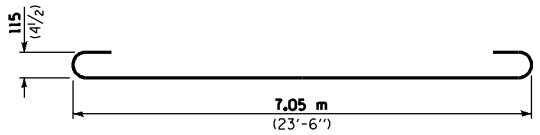
SECTION AT LUG W

SECTION AT LUG X

SECTION AT LUG Y



BAR a



BAR b

MATERIALS REQUIRED FOR (1) ONE LUG SYSTEM
(Excluding Pavement Concrete and Pavement Reinforcement)

Bar	Qty.	Size	Length	Shape
a	132	**No. 25** (No. 8)	**4.25 m** (14'-0")	
b	18	**No. 15** (No. 5)	**7.43 m** (24'-9")	
c	132	**No. 15** (No. 5)	**6.10 m** (20'-0")	
d	28	**No. 15** (No. 4)	**3.52 m** (11'-9")	

Concrete, m^3 (cu. yds.)	**15.6**	(21.33)
Reinforcing Bars, **kg** (lbs.)	**3831**	(8372)
Concrete Pad, m^2 (sq. yds.)	**104**	(128)
Improved Subgrade, m^2 (sq. yds.)	**117**	(144)

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7.2 m (24') CRC PAVEMENT
(WITH LUG SYSTEM)
(Sheet 2 of 2)

STANDARD 421201-01