DETAILS OF TERMINAL JOINTS FOR CONCRETE PAVEMENT

3/4" EXPANSION JOINTS WITH DOWELS
30'-0"

A

B

B

B

B

C

4" JOINT
END BR.
APPROX. SLAB

WHEN THIS JOINT CONNECTS TO CONVENTIONAL PAVEMENT
USE STANDARD CONSTRUCTION JOINT
REFER TO STD. DWG. NOS. CPCR-1 OR CPCR-2

1" JOINT SEAL AS PER
SUBSECTION 501.02 (h)(1)

CONCRETE PAV'T.
WITH STANDARD
C.P.C.R. REINFORCEMENT

BOTTOM OF CONC. PAV'T.
FOR A DISTANCE OF 5 FEET
MUST NOT BE BELOW SUPPORT

JOINT FILLER AS PER
SUBSECTION 501.02 (h)(1)

1'-6"
1'-6"
10"

T

BRIDGE APPROACH SLAB
9"
9"
20" DOWEL
14" DOWEL COATING

JOINT SEAL
2"

2" MIN. CLEARANCE BAR STOP
1 1/4 " MIN. CLEARANCE BAR
BAR
BOARD EXPANSION
JOINT FILLER

CLOSED END DOWEL BAR
SLEEVE TO FIT DOWEL
AND BE SECURED BY
BAR TIE OR WELDING

DOWEL BAR CHAIR CONSISTING OF MIN. #6
GA. WIRE CHAIR AND DOWEL HOLDER AT
EACH DOWEL AND TWO  1/2 " O STEEL BARS
WELDED AT EACH CHAIR.

T
1/2 T

20" LONG DOWEL
BAR@ 15" CTRS.
10 DOWELS PER 10' LANE

3/4 " MIN.
8"

1/2 " O STEEL BARS

WELDED AT EACH CHAIR.

JOINT SEAL

#5 BARS @ 6" C-C
#4 BARS X 19'-6" @ 12" C-C
10'-0"

1 1/8 " DIA. HOLE
FOR 1"O DOWEL

"UNIVERSAL"
BAR TIE

#5 BARS @ 8" C-C
#4 BARS X 19'-6" @ 12" C-C
10'-0"

1/2 " X 1" X 8" JT.
FILLER
1" STYROFOAM OR EQUAL

10" X 12" X 1/2 "
STEEL PLATE

EDGE OF
P.C.C. PAV'T.

1/2 " X 1" X 8" PREMOULDED
JT. FILLER

12 WF 58
FIELD WELD

10" X 12" X  1/2 "
STEEL PLATE

FIELD WELD

EDGE OF
P.C.C. PAV'T.

1/2 " X 1" X 8"
PREMOULDED
JT. FILLER

12 WF 58
FIELD WELD

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