**SUPERELEVATION TRANSITIONS**

**4-LANE OR 6-LANE PAVEMENT WITH MEDIAN**

**SHOULDER CONSTRUCTION WITH SUPERELEVATION**

**DESIGN SUPERELEVATION RATES FOR RURAL HIGHWAYS, URBAN FREEWAYS AND HIGH SPEED URBAN HIGHWAYS**

**GENERAL NOTES**

1. For curves in urban highways and high speed urban streets, see index No. 50.
FULL SUPERELEVATION
Crown Point
Both Roadways
Outside Pav't Edge-Both Roadways

L = S (D - D )
L = S (D + D )

SECTION A-A
NORMAL CROWNED SECTION

SECTION B-B
SUPERELEVATION SECTION LT. & RT.

SECTION C-C
SUPERELEVATION SECTION LT.
PLANE INCLINED SECTION RT.

SECTION D-D
PLANE INCLINED SECTION LT.
SUPERELEVATION TRANSITION RT.

SECTION E-E
SUPERELEVATION TRANSITION LT.
FULL SUPERELEVATION RT.

SECTION F-F
FULL SUPERELEVATION LT. & RT.

8-LANE PAVEMENT WITH ONE LANE SLOPED TO MEDIAN

FULL SUPERELEVATION
Outer Roadway
Crown Point
Both Roadways
Outside Pav't Edge-Both Roadways

L = S (D - D )
L = S (D + D )

SECTION E-E
SUPERELEVATION TRANSITION LT.
FULL SUPERELEVATION RT.

SECTION F-F
FULL SUPERELEVATION LT. & RT.

B = SLOPE RATIO

L = S (D - D )
L = S (D + D )

SECTION A-A
NORMAL CROWNED SECTION

SECTION B-B
SUPERELEVATION SECTION LT. & RT.

SECTION C-C
SUPERELEVATION SECTION LT.
PLANE INCLINED SECTION RT.

SECTION D-D
PLANE INCLINED SECTION LT.
SUPERELEVATION TRANSITION RT.

SECTION E-E
SUPERELEVATION TRANSITION LT.
FULL SUPERELEVATION RT.

SECTION F-F
FULL SUPERELEVATION LT. & RT.

8-LANE PAVEMENT WITH ONE LANE SLOPED TO MEDIAN