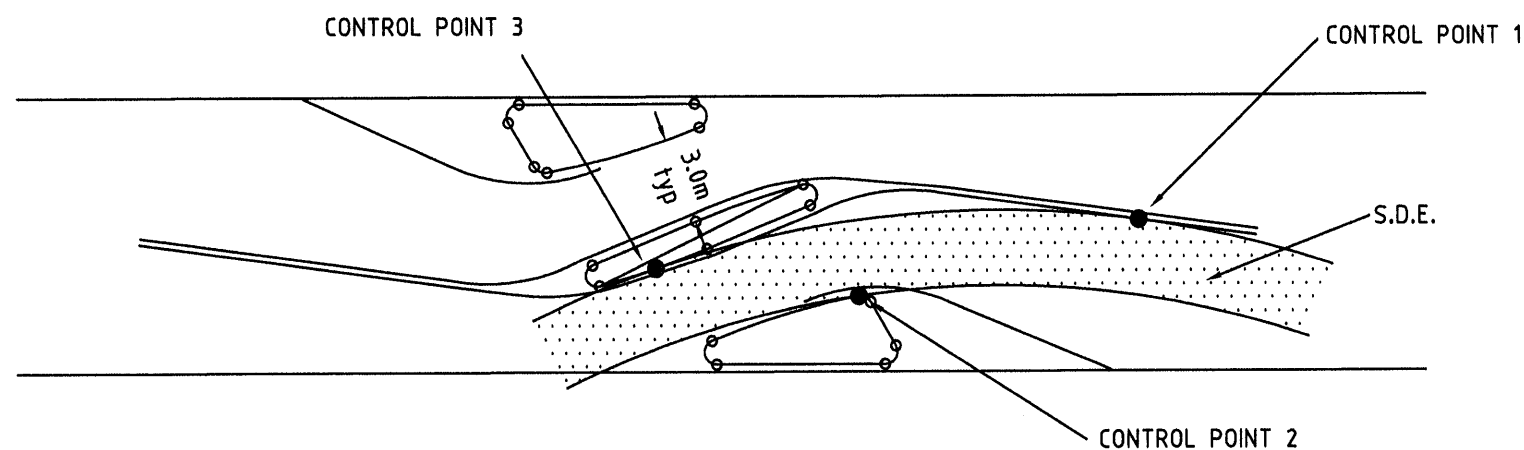
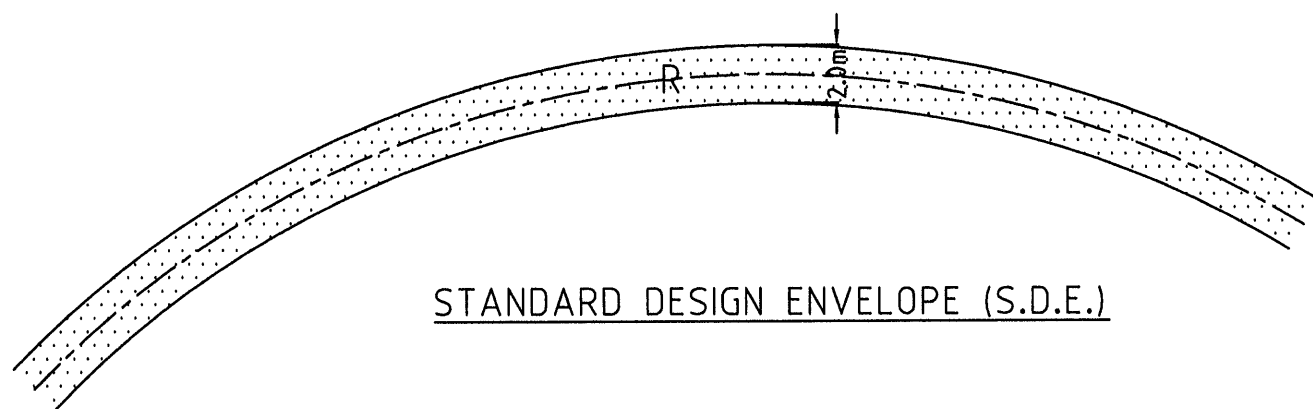


SINGLE LANE ANGLED SLOW POINT



DOUBLE LANE ANGLED SLOW POINT



STANDARD DESIGN ENVELOPE (S.D.E.)

GENERAL NOTE:

THE S.D.E. IS MERELY TO ALLOW DEFLECTIONS TO BE DETERMINED FOR APPROPRIATE DESIGN SPEEDS.

THE DESIGNER SHOULD CHECK THE SUITABILITY OF THE DESIGN TO ACCOMMODATE THE DESIGN VEHICLE.

NOTES: SINGLE LANE ANGLED SLOW POINT

THE S.D.E. MUST TOUCH OR OVERLAP THE SHADED AREA AT CONTROL POINT 1, THE SHADED AREA IS 2m WIDE AND RUNS PARALLEL TO THE RIGHT END KERB.

THE S.D.E. MUST TOUCH CONTROL POINTS 2 AND 3.

THE S.D.E. MUST FIT TRAFFIC FLOWS IN BOTH DIRECTIONS THROUGH THE DEVICE.

NOTES: DOUBLE LANE ANGLED SLOW POINT

THE S.D.E. MUST TOUCH CONTROL POINTS 1, 2 AND 3.

THE S.D.E. MUST FIT TRAFFIC FLOWS IN BOTH DIRECTIONS THROUGH THE DEVICE.

NOTES: STANDARD DESIGN ENVELOPE (S.D.E.)

THE S.D.E. IS A PATH ENCLOSED BY 2 CIRCULAR ARCS SEPARATED BY 2m, THE RADIUS OF THE CENTRELINE BETWEEN THESE TWO ARCS IS DEFINED BY THE DATA IN THE FOLLOWING TABLE.

THE TABLE DEFINES THE VALUE OF THE S.D.E. CENTRELINE LINE RADIUS (R) RELATIVE TO FOLLOWING OTHER DESIGN REQUIREMENTS AND VARIABLES:

V = 85TH PERCENTILE DESIGN VEHICLE SPEED (km/h)

F = ARBITRARY COEFFICIENT OF LATERAL FRICTION (RELATIVE TO DRIVER SAFETY AND COMFORT AND IS SPECIFIC TO VEHICLE SPEED).

E = SUPERELEVATION GRADE OF THE STREET (CAMBER)


V Design Speed (km/h)	F Coefficient of Friction	E Super-elevation	S.D.E. R(m)	E Super-elevation	S.D.E. R(m)	E Super-elevation	S.D.E. R(m)
20	0.38	0	8	0.03	8	-0.03	9
25	0.35	0	14	0.03	13	-0.03	16
30	0.31	0	23	0.03	21	-0.03	25
35	0.28	0	34	0.03	31	-0.03	38
40	0.26	0	49	0.03	44	-0.03	55
45	0.24	0	68	0.03	60	-0.03	78
50	0.22	0	90	0.03	79	-0.03	105

SCALE N.T.S

MICROFILM DATE

A 3

No.	DESCRIPTION	APPROVED & DATE	No.	DESCRIPTION	APPROVED & DATE
	AMENDMENTS			AMENDMENTS	



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TYPICAL TREATMENT FOR ANGLED SLOW POINTS

STANDARD DESIGN ENVELOPE

DESIGNED D.LANDMARK	07-08-08	VERIFIED <i>[Signature]</i>	07-08-08
DRAWN SOORI	07-08-08	APPROVED <i>[Signature]</i>	15/8/08
DRAWING TYPE	FILE NUMBER	67-08-69	
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