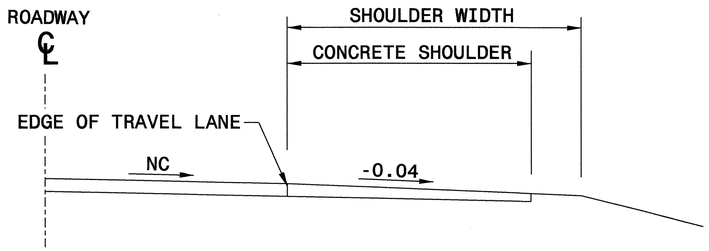
PROJECT REFERENCE NO.	SHEET NO.
R-2552AA	7-T

METRIC

NORMAL OUTSIDE CONCRETE SHOULDER SLOPES



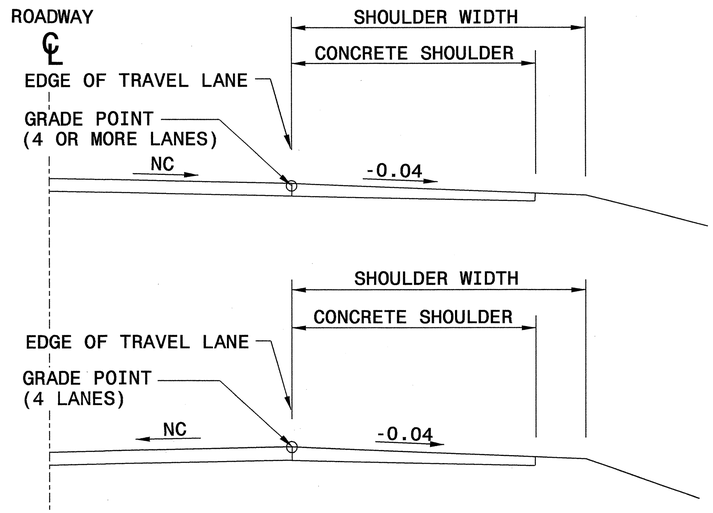
NOTE: ON LOW SIDE OF SUPERELEVATED PAVEMENT USE NORMAL SHOULDER SLOPE UNLESS NORMAL SHOULDER SLOPE IS FLATTER THAN SUPERELEVATION, THEN USE SUPER-ELEVATION RATE ON SHOULDER.

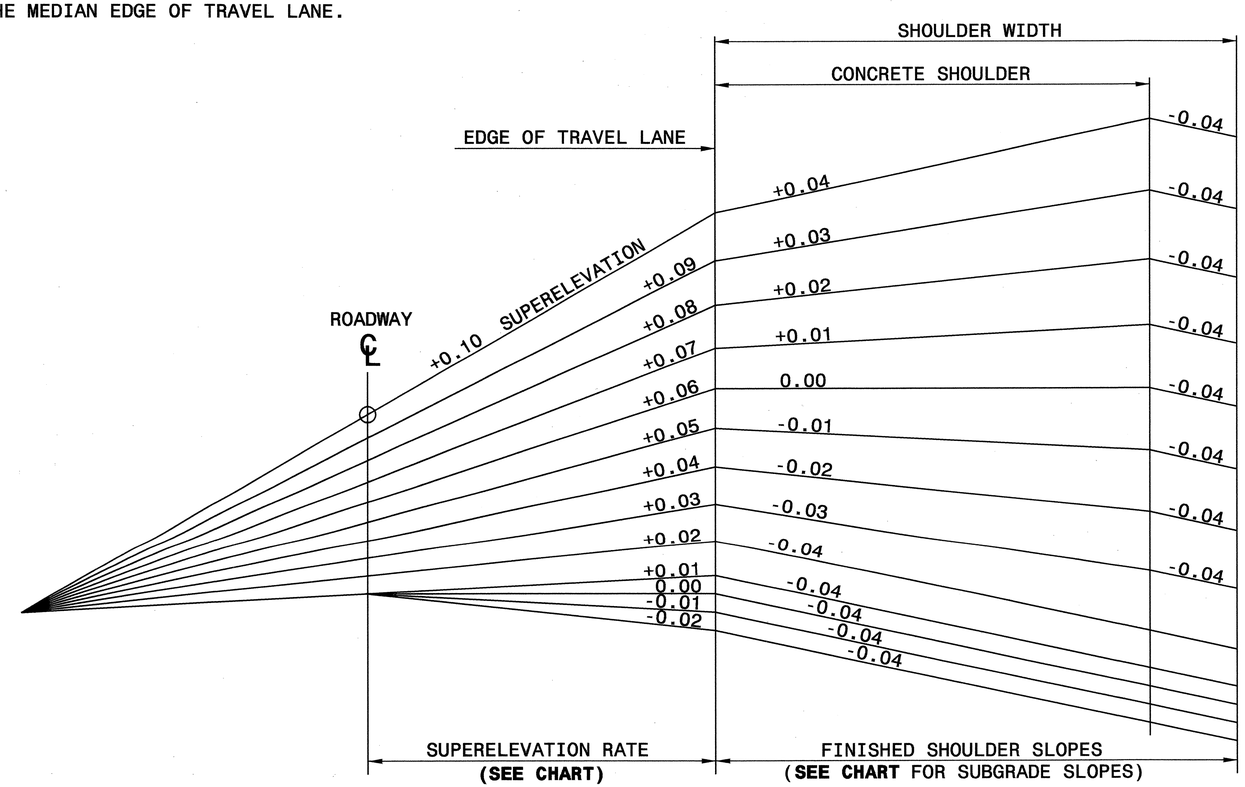
NOTE: "ROLL-OVER" ALGEBRAIC DIFFERENCE IN RATES OF CROSS SLOPE NOT TO EXCEED 0.06 AS SHOWN ABOVE. IF SUPER-ELEVATION IS REVOLVED ABOUT CENTER LINE OF PAVEMENT, SAME APPLIES. ON DIVIDED ROADWAYS, GRADE POINT TO BE AT THE MEDIAN EDGE OF TRAVEL LANE.

CONCRETE SHOULDERS	
TRAVEL LANE SUPERELEVATION RATE	*SHOULDER SUBGRADE SLOPE
-0.02	-0.02
-0.01	-0.02
0.00	-0.02
+0.01	-0.02
+0.02	-0.02
+0.03	-0.01
+0.04	0.00
+0.05	+0.01
+0.06	+0.02
+0.07	+0.03
+0.08	+0.04
+0.09	+0.05
+0.10	+0.06

*SHOULDER SUBGRADE SLOPE SAME AS FINISHED SHOULDER SLOPE WHEN USING THROUGH LANE PAVEMENT ON SHOULDERS

NORMAL MEDIAN CONCRETE SHOULDER SLOPES





DESIGN SERVICES UNIT
STANDARDS AND SPECIAL DESIGN
Office 919-250-4128 FAX 919-250-4119

METHOD OF CONCRETE SHOULDER CONSTRUCTION

HIGH SIDE OF SUPERELEVATED CURVE

ORIGINAL BY: 2002 STANDARDS DATE: 01-15-02
MODIFIED BY: E.E. WARD DATE: 04-10-03
CHECKED BY: DATE: 4-03
FILE SPEC.: stds/02stdstodetails/metric/560d0301m.dgn

10-APR-2003 09:07
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ericward
AT DS108660