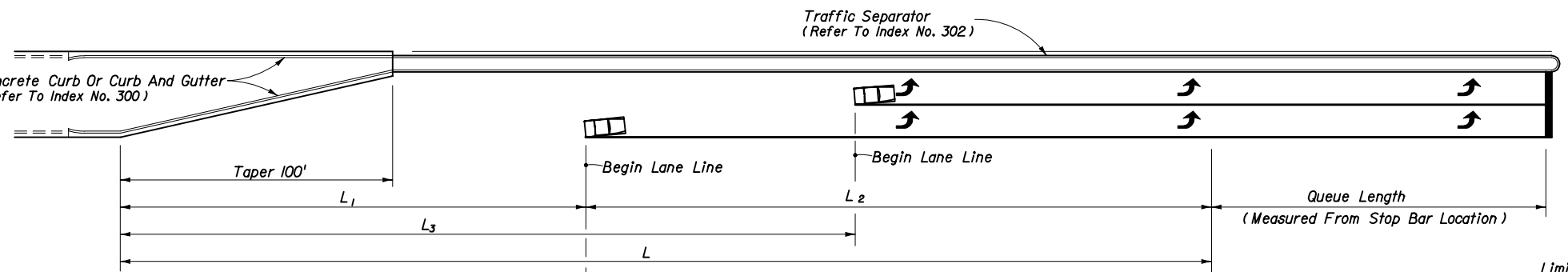
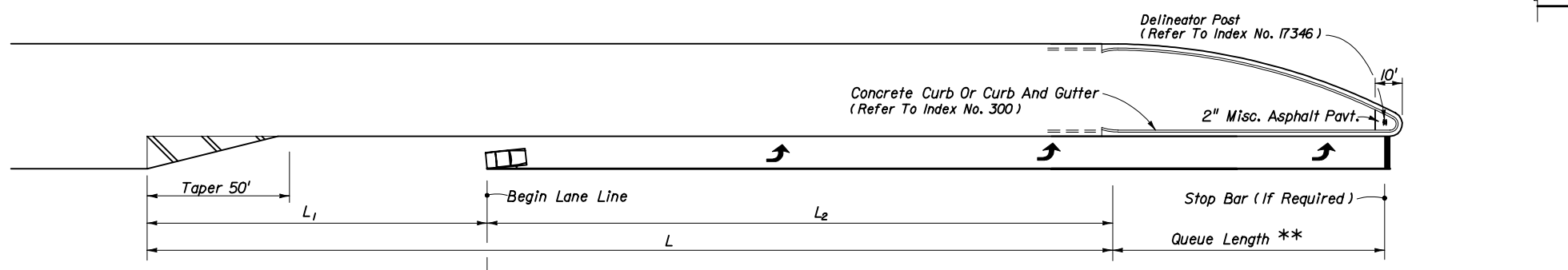


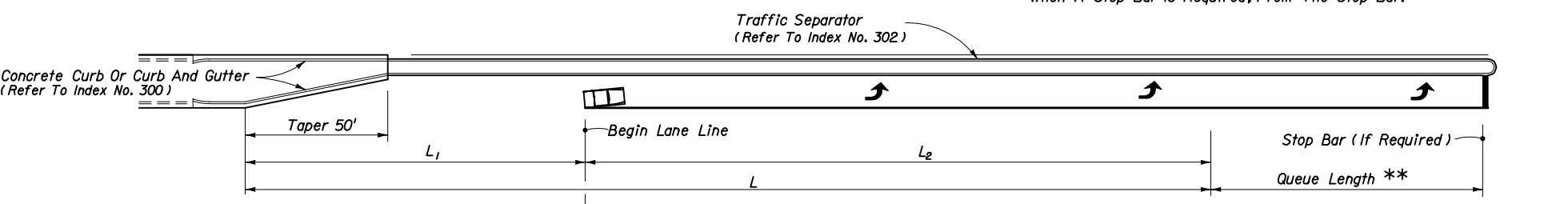
FLUSH AND/OR CURBED SEPARATION



RAISED SEPARATION DOUBLE LEFT TURNS



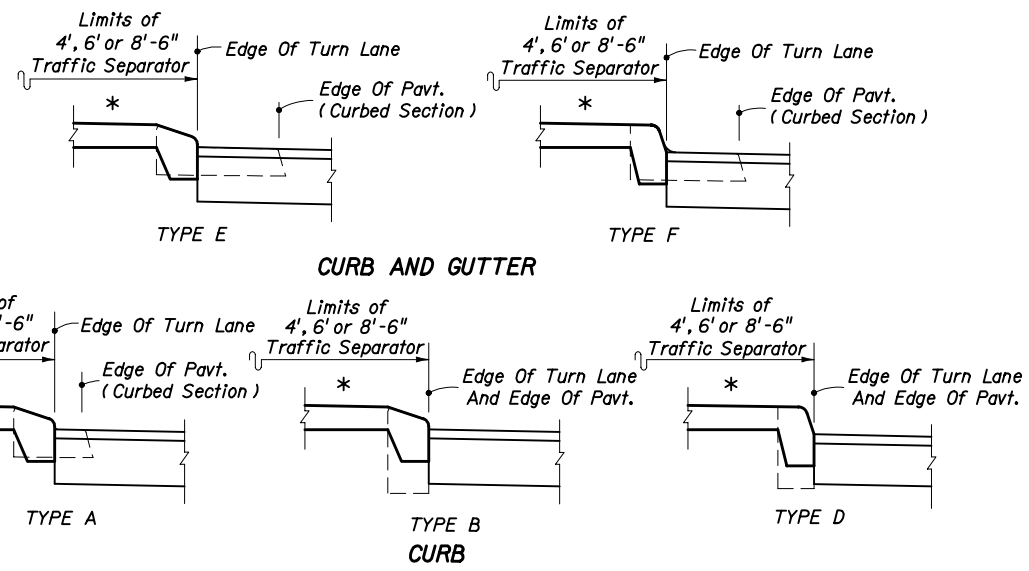
FLUSH AND/OR CURBED SEPARATION



RAISED SEPARATION SINGLE LEFT TURNS

TURN LANES

TURN LANES • CURBED AND UNCURBED MEDIANS								
Design Speed (mph)	Entry Speed (mph)	Clearance Distance L ₁	URBAN CONDITITONS			RURAL CONDITITONS		
			Brake To Stop Distance L ₂	Total Decel. Distance L	Clearance Distance L ₃	Brake To Stop Distance L ₂	Total Decel. Distance L	Clearance Distance L ₃
35	25	70'	75'	145'	110'	---	---	---
40	30	80'	75'	155'	120'	---	---	---
45	35	85'	100'	185'	135'	---	---	---
50	40/44	105'	135'	240'	160'	185'	290'	160'
55	48	125'	---	---	---	225'	350'	195'
60	52	145'	---	---	---	260'	405'	230'
65	55	170'	---	---	---	290'	460'	270'



MEDIAN CURB AND TRAFFIC SEPARATOR JUNCTURE DETAILS

GENERAL NOTES

1. The plan views shown are for turn lane taper shapes and dimensional purposes only, they do not prescribe the use of curb, curb and gutter, shoulders nor separators specifically to either rural or urban conditions.
2. Total deceleration distances must not be reduced except where lesser values are imposed by unrelocatable control points.
3. Right turn lane tapers and distances identical to left turn lanes under stop control conditions. Right turn lane tapers and/or distances are site specific under free flow or yield conditions.
4. These left turn configurations apply to continuous left turn lanes only where specifically called for in the plans.
5. For pavement markings see Index No. 17346.

DESIGN NOTES

1. Basis for turn lane configurations:
 - Informed Driver.
 - Stop condition (With Or Without Stop Control).
 - Wet Pavement.
 - Reaction preceding entry point.
 - Minimum braking distance for urban conditions.
 - 75' min. for L₂.
 - Comfortable deceleration rates for rural conditions (AASHTO 2001 threshold rate of 11.2 ft/s²).

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION				
TURN LANES				
Names	Dates	Approved By <i>James D. Smith</i>		
Designed By RER	05/91	Roadway Design Engineer		
Drawn By HSD/HKH	05/91	Revision	Sheet No.	Index No.
Checked By JVG/RER	05/91	04	1 of 1	301