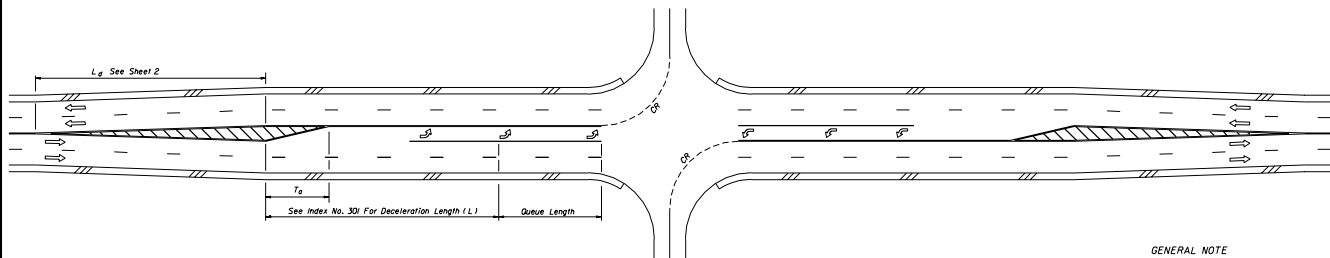


4-LANE UNDIVIDED WITH OPTIONAL LANE

DESIGN SPEED (mph)	T_d (METERS)	T_d
	ADD LANE	LANE DROP
< 30	50% ± 1 : 4	1 : 25
30 - 45		1 : 30
> 45		1 : 40

Note: For locations with unrelocatable control points minimum taper rates for lane drop (T_d) will be 1 : 20.



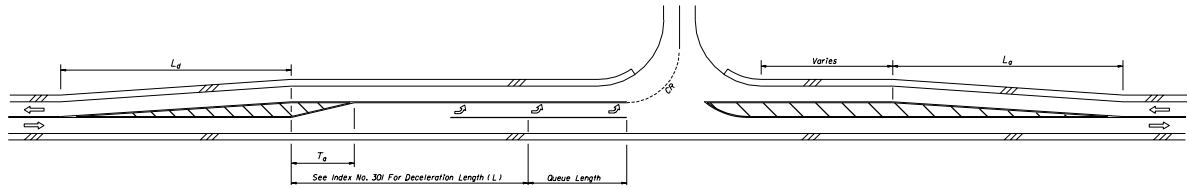
4-LANE UNDIVIDED FLARED - SYMMETRICAL

GENERAL NOTE

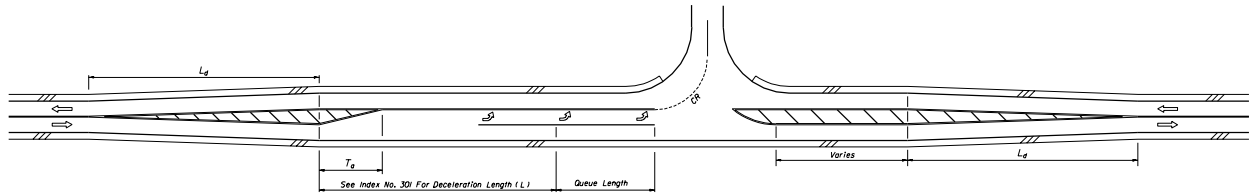
1. For pavement markings refer to Index No. 17346.

INTERSECTION TURNS AND STORAGE

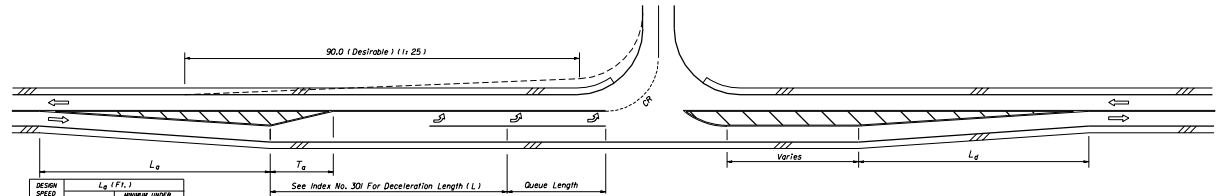
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD DESIGN			
ROADWAY TRANSITIONS			
DESIGNED BY	DATE	APPROVED BY	
DRAWN BY	DATE	SCALE	1 of 8
CHECKED BY	DATE	NO.	526



LEFT SIDE WIDENING



CENTERED WIDENING



RIGHT SIDE WIDENING

DESIGN SPEED (mph)	L_g (FT.)	
	STANDARD	MINIMUM UNDER RESTRICTIONS
30	180	120
40	320	150
50	500	180
60	720	240

(mph)	L_g (FT.)	
30	180	120
40	240	150
50	350	180
60	480	240

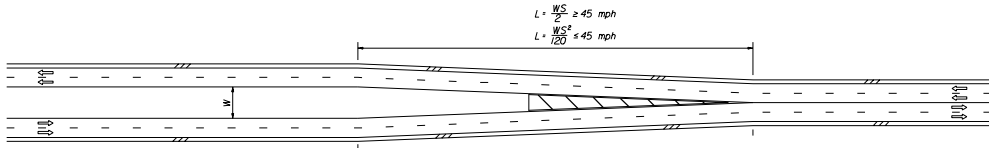
FLARED & PAINTED LEFT TURNS FOR 2-LANE 2-WAY ROADWAYS

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN

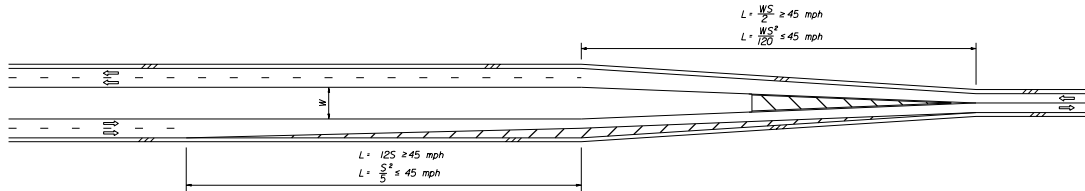
ROADWAY TRANSITIONS

DESIGNED BY	DATE	APPROVED BY
DRAWN BY	SCALE	DATE
CHECKED BY	NO.	OF

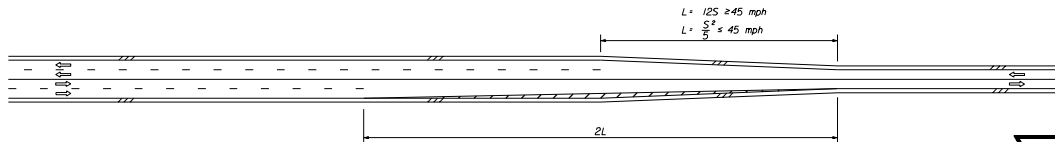
2 of B 526



4-LANE DIVIDED TO 4-LANE UNDIVIDED



4-LANE DIVIDED TO 2-LANE UNDIVIDED



4-LANE UNDIVIDED TO 2-LANE UNDIVIDED

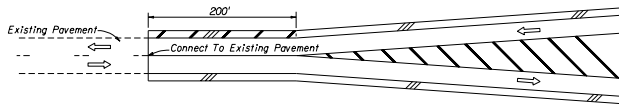
LANE DIVERGENCE AND CONVERGENCE FOR CENTERED ROADWAYS

S = Design speed (mph).

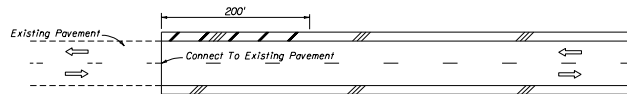
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
ROAD DESIGN

ROADWAY TRANSITIONS

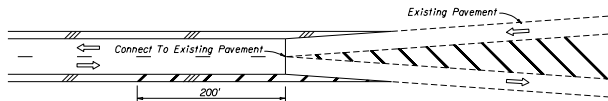
Revised	Date	Approved By
001	01/97	<i>[Signature]</i>
Drawn By	03/97	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
Checked By	03/97	00 3 of 8 526



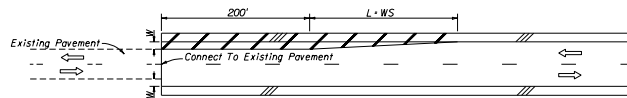
CONNECTING FLARE WITH PAVED SHOULDERS TO EXISTING ROADWAY WITHOUT PAVED SHOULDERS



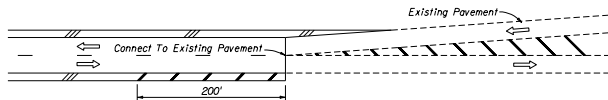
CONNECTING SIMILAR WIDTH PAVEMENTS



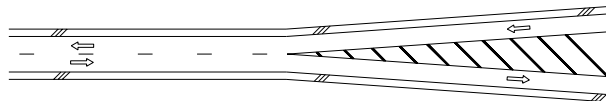
CONNECTING ROADWAY WITH PAVED SHOULDERS TO EXISTING SYMMETRICAL FLARE WITHOUT PAVED SHOULDERS



CONNECTING DIFFERENT WIDTH PAVEMENTS



CONNECTING ROADWAY WITH PAVED SHOULDERS TO EXISTING ASYMMETRICAL FLARE WITHOUT PAVED SHOULDERS



FLARED - PAVED SHOULDERS

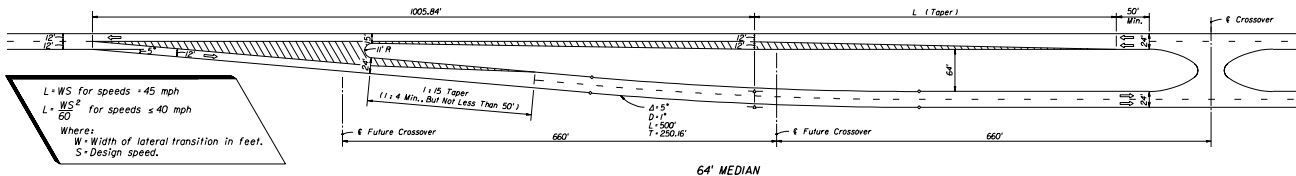
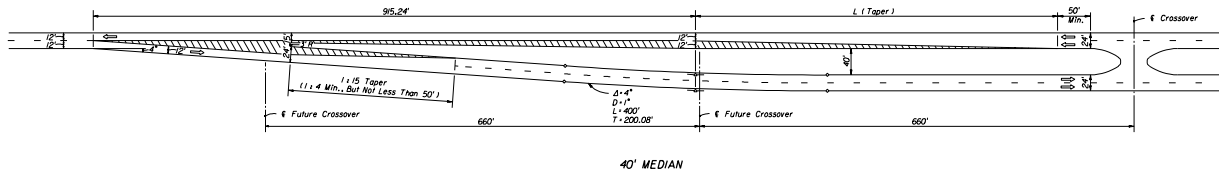
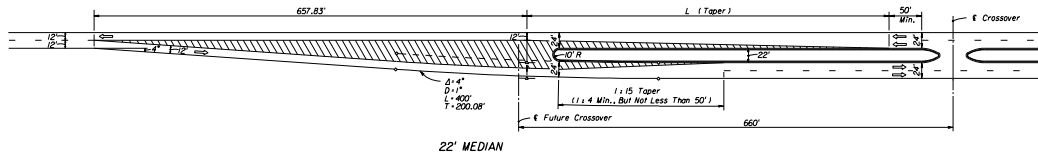
S = Design speed (mph).

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
ROAD DESIGN

ROADWAY TRANSITIONS

Designed By	10/1/2012	Approved By	<i>[Signature]</i>
Drawn By	10/1/12	Scale	AS SHOWN
Checked By	10/1/12	Sheet No.	4 of 8

PAVED SHOULDER TREATMENT AT TRANSITIONS AND CONNECTIONS



$L = WS$ for speeds ≥ 45 mph
 $L = \frac{WS^2}{50}$ for speeds ≤ 40 mph
 Where:
 W = Width of lateral transition in feet.
 S = Design speed.

NOTES FOR SHEETS 5 THRU 8

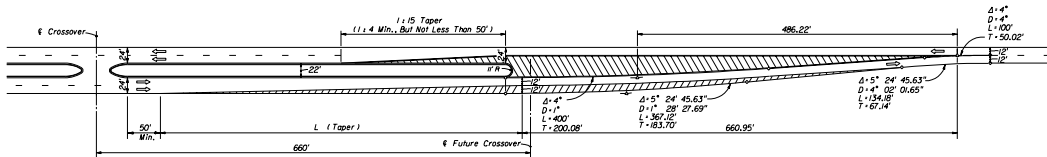
- The transition details as represented on sheets 5 thru 8 are intended as guidelines only. The transition lengths, curve data, nose radii and offsets are valid only for tangent alignment, design speeds ≤ 45 mph, the median widths and lane widths shown.
- Approach lane departures ($\Delta = 5'$) are suitable for design speeds up to 60 mph. Interior curves ($D = 1'$) are suitable for normal crown for design speeds up to 50 mph. Merging curves ($D \geq 5'$) will require superlevation.
- The geometrics of these schemes are associated with the standard subsectional spacing for sideroads, but in any case will require modification to accommodate sideroad location, multilane and/or divided sideroads, oblique sideroads, crossover widths, storage and speed change lane requirements, and, other related features.

**LEFT ROADWAY CENTERED ON APPROACH ROADWAY
TWO LANE TO FOUR LANE TRANSITION**

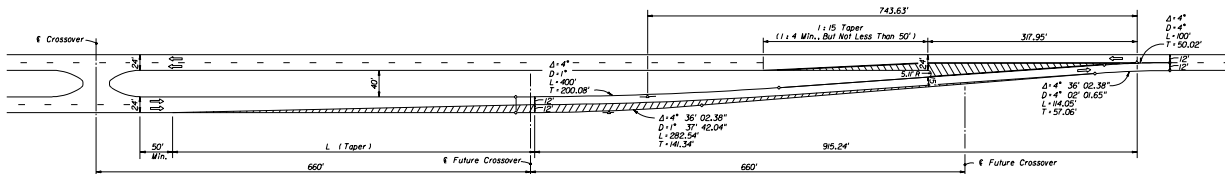
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
ROAD DESIGN

ROADWAY TRANSITIONS

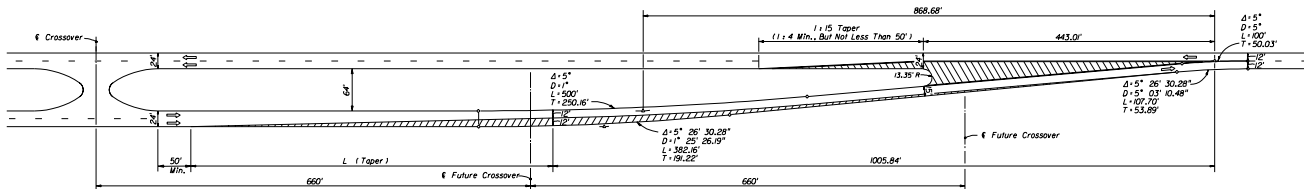
Designed By	Date	Approved By
1007	2/13	<i>[Signature]</i>
Drawn By	3/14	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
Checked By	2/14	00 5 of 8 526



22' MEDIAN



40' MEDIAN



64' MEDIAN

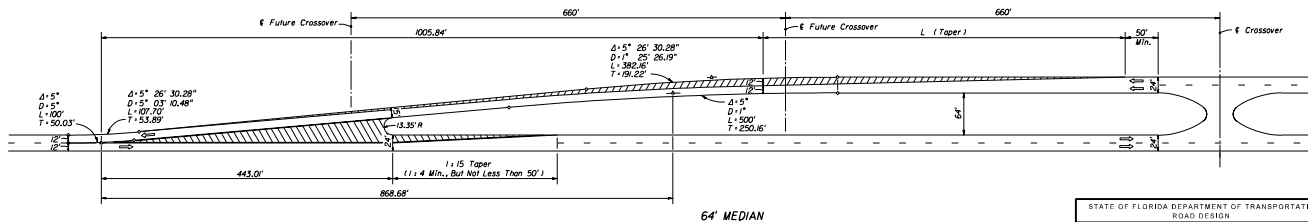
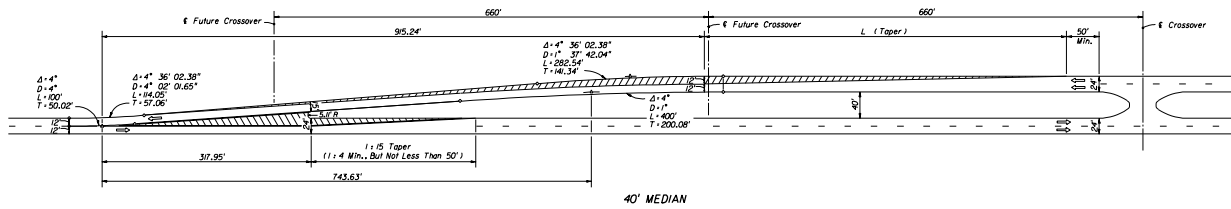
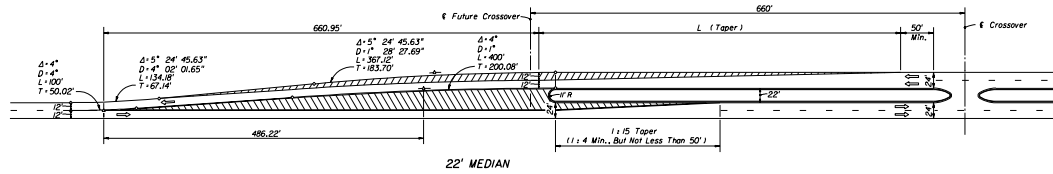
$L = WS$ for speeds = 45 mph
 $L = \frac{WS^2}{50}$ for speeds = 40 mph
 Where:
 W = Width of lateral transition in feet.
 S = Design speed.

LEFT ROADWAY CENTERED ON THRU ROADWAY
 FOUR LANE TO TWO LANE TRANSITION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
 ROAD DESIGN

ROADWAY TRANSITIONS

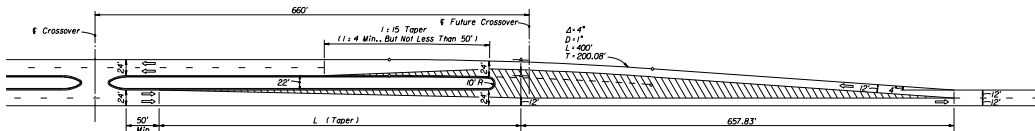
Designed By	10/17/2013	Approved By	<i>[Signature]</i>
Drawn By	10/17/2013	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION	
Checked By	10/17/2013	00	6 of 8 526



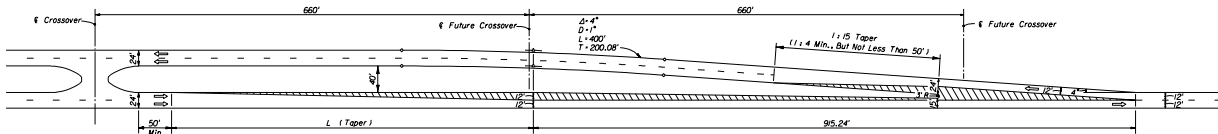
$L = WS$ for speeds ≥ 45 mph
 $L = \frac{WS^2}{60}$ for speeds ≤ 40 mph
 Where:
 W = Width of lateral transition in feet.
 S = Design speed.

RIGHT ROADWAY CENTERED ON APPROACH ROADWAY
 TWO LANE TO FOUR LANE TRANSITION

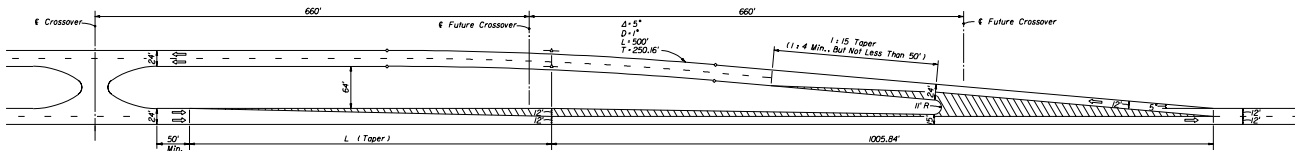
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION ROAD DESIGN			
ROADWAY TRANSITIONS			
Drawn By	DATE	Checked By	DATE
10/17	10/17	10/17	10/17
Checked By	DATE	Scale	Sheet No.
10/17	10/17	1" = 20'	526



22' MEDIAN



40' MEDIAN



64' MEDIAN

$L = WS$ for speeds > 45 mph
 $L = \frac{WS^2}{60}$ for speeds ≤ 40 mph
 Where:
 W = Width of lateral transition in feet.
 S = Design speed.

RIGHT ROADWAY CENTERED ON THRU ROADWAY
FOUR LANE TO TWO LANE TRANSITION

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
ROAD DESIGN

ROADWAY TRANSITIONS

DESIGNED BY	DATE	APPROVED BY	SCALE	DATE
MMT	3/12	<i>[Signature]</i>		
DRAWN BY	MMT	3/12	DATE	
CHECKED BY	MMT	3/12	DATE	

OF B
 526