

Texas Department of Transportation

TECHNICAL PROVISIONS

STATE HIGHWAY 360

DESIGN-BUILD PROJECT

Attachment 11-2

Cross Street Design Criteria

TABLE 11-2 Cross Streets – Interim

Intersecting Street	Functional Classification	Design Speed (MPH)	Configuration (Over/Under)	Design Vehicle	CONFIGURATION													
					EASTBOUND								WESTBOUND					
					U-Turn	Sidewalk Width	Curb ¹	Curb/Barrier Offset (to face)	Through Lanes	Shoulders	Turn Lanes	Median	Shoulders	Through Lanes	Curb/Barrier Offset (to face)	Curb ¹	Sidewalk Width	U-Turn
E. Sublett Rd / W. Camp Wisdom Rd	Urban Major Arterial	35	Over	WB-62	N	11.5'	Y ²	2'	2 (1-12' 1-14')	N	Y (2-12')	N	N	2 (1-12' 1-14')	N/A	N	N/A	N
Webb Lynn Rd / Lynn Creek Parkway	Urban Minor Collector	35	Over	WB-62	N	9'	N	N/A	2 (1-12' 1-14')	N	Y (2-11')	N	N	1 (14')	2'	Y	9'	Y (24')
New York Ave ³	Urban Major Collector	20	Under	WB-62	Y (20')	-												Y (20')
Debbie Ln / Ragland Rd	Urban Major Arterial	35	Over	WB-62	N	8.5'	Y	2'	1 (14')	N	Y (3-12')	N	N	1 (14')	2 ⁴	N	N/A	N
Holland Rd	Urban Principal Arterial	30	Over	WB-62	N	8.5'	Y	2'	2 (1-12' 1-14')	N	N	N	N	2 (1-12' 1-14')	2 ⁴	N	N/A	N
Broad St	Urban Principal Arterial	40	Over	WB-62	N	8.5'	Y ²	2'	2 (1-12' 1-14')	N	Y (2-12')	N	N	2 (1-12' 1-14')	2 ⁴	N	N/A	N
Heritage Pkwy	Urban Principal Arterial	40	Over	WB-62	N	8.5'	Y	2'	2 (1-12' 1-14')	N	N	N	N	2 (1-12' 1-14')	2 ⁴	N	N/A	N
Lone Star Rd	Urban Principal Arterial	40	Under	WB-62	N	8.5'	Y	2'	1 (14')	N	Y (2-12')	Y (8')	N	1 (14')	2'	Y	N/A	N
Matlock Rd at SH 360	Urban Major Arterial	40	N/A	WB-62	N	N/A	Y	2'	1 (12')	N	N	N	N	1 (12')	2'	Y	5'	N

¹ Only concrete curb is permitted. Existing asphalt curb shall be replaced with concrete curb.

² Separator rail replaces curb.

³ Design criteria for "New York Ave" are for U-Turns only.

⁴ To bridge rail face.

TABLE 11-3 Cross Streets – Ultimate

Intersecting Street	Functional Classification	Design Speed (MPH)	Configuration (Over/Under)	Design Vehicle	CONFIGURATION													
					EASTBOUND								WESTBOUND					
					U-Turn	Sidewalk Width	Curb	Curb/Barrier Offset (to face)	Through Lanes	Shoulders	Turn Lanes	Median	Shoulders	Through Lanes	Curb/Barrier Offset (to face)	Curb	Sidewalk Width	U-Turn
E. Sublett Rd / W. Camp Wisdom Rd	Urban Major Arterial	35	Over	WB-62	Y (24')	11' 5' min	Y ¹	2'	3 (2-12' 1-14')	N	Y (2-12')	Y (5', striped)	N	3 (2-12' 1-14')	2'	Y ¹	11' 5' min	Y (24')
Webb Lynn Rd / Lynn Creek Parkway	Urban Minor Collector	35	Over	WB-62	Y (24')	9' 5' min	Y	2'	2 (1-11' 1-14')	N	Y (1-12')	Y (5', striped)	N	2 (1-11' 1-14')	2'	Y	9' 5' min	Y (24')
New York Ave	Urban Major Collector	40	Under	WB-62	Y (24')	5' min	Y	2'	2 (1-12' 1-14')	N	Y (2-12')	Y (20')	N	2 (1-12' 1-14')	2'	Y	5' min	Y (24')
Debbie Ln / Ragland Rd	Urban Major Arterial	35	Over	WB-62	Y (24')	8.5' 5' min	Y	2'	2 (1-12' 1-14')	N	Y (2-12')	Y (8')	N	2 (1-12' 1-14')	2'	Y	8.5' 5' min	Y (24')
Holland Rd	Urban Principal Arterial	30	Over	WB-62	Y (24')	9' 5' min	Y	2'	3 (2-12' 1-14')	N	Y (1-12')	Y (15')	N	3 (2-12' 1-14')	2'	Y	9' 5' min	Y (24')
Broad St	Urban Principal Arterial	40	Over	WB-62	Y (24')	9' 5' min	Y ¹	2'	3 (2-12' 1-14')	N	Y (2-12')	Y (8')	N	2 (1-12' 1-14')	2'	Y ¹	21' 5' min	Y (24')
Heritage Pkwy	Urban Principal Arterial	40	Over	WB-62	Y (24')	9' 5' min	Y	2'	3 (2-12' 1-14')	N	Y (1-15')	N	N	3 (2-12' 1-14')	2'	Y	9' 5' min	Y (24')
Lone Star Rd	Urban Principal Arterial	40	Under	WB-62	Y (24')	5' min	Y	2'	2 (1-12' 1-14')	N	Y (2-12')	Y (8')	N	2 (1-12' 1-14')	2'	Y	5' min	Y (24')
Matlock Rd at SH 360	Urban Major Arterial	40	Under	WB-62	Y (24')	5' min	Y	2'	2 (1-12' 1-14')	N	Y (2-12')	Y (20')	N	2 (1-12' 1-14')	2'	Y	5' min	Y (24')

¹ Separator rail replaces curb.
 TEXAS DEPARTMENT OF TRANSPORTATION
 SH 360
 December 15, 2014