

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 ⁵ | Curb ¹ | Curb/Barrier Offset (to) | Through Lanes | Shoulders | Turn Lanes | Median | Shoulders | Through Lanes | Curb/Barrier Offset (to) | Curb ¹ | Sidewalk Width ⁵ | U-Turn |
| E. Sublett Rd / W. Camp Wisdom Rd | Urban Major Arterial | 35 | Over | WB-62 | N | 9.5' | 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 | N/A | N | N/A | 2 (1-12' 1-14') | N | Y (2-11') | N | N | 1 (14') | 2' | Y | 7.5' | Y (24') |
| New York Ave ³ | Urban Major Collector | 20 | Under | WB-62 | Y (20') | 6' | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | Y (20') |
| Debbie Ln / Ragland Rd | Urban Major Arterial | 35 | Over | WB-62 | N | 8' | 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 | 7.5' | 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 | 7' | 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 | 7.5' | 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' | 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 | 8' | N |

TABLE 11-3 Cross Streets – Ultimate

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.

⁵ Sidewalk width is clear width and does not include curb or rail nominal widths.

| Intersecting Street | Functional Classification | Design Speed (MPH) | Configuration (Over/Under) | Design Vehicle | CONFIGURATION | | | | | | | | | | | | | |
|---------------------|---------------------------|--------------------|----------------------------|----------------|---------------|-----------------------------|------|--------------------------|---------------|-----------|------------|--------|-----------|---------------|--------------------------|------|-----------------------------|--------|
| | | | | | EASTBOUND | | | | | | | | WESTBOUND | | | | | |
| | | | | | U-Turn | Sidewalk Width ² | Curb | Curb/Barrier Offset (to) | Through Lanes | Shoulders | Turn Lanes | Median | Shoulders | Through Lanes | Curb/Barrier Offset (to) | Curb | Sidewalk Width ² | U-Turn |

| | | | | | | | | | | | | | | | | | | |
|-----------------------------------|--------------------------|----|-------|-------|---------|------|----------------|----|-----------------|---|-----------|-----------------|---|-----------------|----|----------------|------|---------|
| E. Sublett Rd / W. Camp Wisdom Rd | Urban Major Arterial | 35 | Over | WB-62 | Y (24') | 9.5' | Y ¹ | 2' | 3 (2-12' 1-14') | N | Y (2-12') | Y (5', striped) | N | 3 (2-12' 1-14') | 2' | Y ¹ | 9.5' | Y (24') |
| Webb Lynn Rd / Lynn Creek Parkway | Urban Minor Collector | 35 | Over | WB-62 | Y (24') | 7.5' | Y | 2' | 2 (1-11' 1-14') | N | Y (1-12') | Y (5', striped) | N | 2 (1-11' 1-14') | 2' | Y | 7.5' | Y (24') |
| New York Ave | Urban Major Collector | 40 | Under | WB-62 | Y (24') | 6' | Y | 2' | 2 (1-12' 1-14') | N | Y (2-12') | Y (20') | N | 2 (1-12' 1-14') | 2' | Y | 6' | Y (24') |
| Debbie Ln / Ragland Rd | Urban Major Arterial | 35 | Over | WB-62 | Y (24') | 8' | Y | 2' | 2 (1-12' 1-14') | N | Y (2-12') | Y (8') | N | 2 (1-12' 1-14') | 2' | Y | 8' | Y (24') |
| Holland Rd | Urban Principal Arterial | 30 | Over | WB-62 | Y (24') | 7.5' | Y | 2' | 3 (2-12' 1-14') | N | Y (1-12') | Y (15') | N | 3 (2-12' 1-14') | 2' | Y | 8' | Y (24') |
| Broad St | Urban Principal Arterial | 40 | Over | WB-62 | Y (24') | 7' | Y ¹ | 2' | 3 (2-12' 1-14') | N | Y (2-12') | Y (8') | N | 2 (1-12' 1-14') | 2' | Y ¹ | 19' | Y (24') |
| Heritage Pkwy | Urban Principal Arterial | 40 | Over | WB-62 | Y (24') | 7.5' | Y | 2' | 3 (2-12' 1-14') | N | Y (1-15') | N | N | 3 (2-12' 1-14') | 2' | Y | 7.5' | Y (24') |
| Lone Star Rd | Urban Principal Arterial | 40 | Under | WB-62 | Y (24') | 8' | Y | 2' | 2 (1-12' 1-14') | N | Y (2-12') | Y (8') | N | 2 (1-12' 1-14') | 2' | Y | 8' | Y (24') |
| Matlock Rd at SH 360 | Urban Major Arterial | 40 | Under | WB-62 | Y (24') | 8' | Y | 2' | 2 (1-12' 1-14') | N | Y (2-12') | Y (20') | N | 2 (1-12' 1-14') | 2' | Y | 8' | Y (24') |

¹ Separator rail replaces curb.

² Sidewalk width is clear width and does not include curb or rail nominal widths