

City of Arlington Thoroughfare Development Plan Review 2022 TDP

- Functional Class
- Major Arterial - 6 Lanes

Major Arterial - 4 Lanes

Major Arterial - 3 Lanes

Minor Arterial - 4 Lanes

Minor Arterial - 2 Lanes

Major Collector - 4 Lanes

Major Collector - 3 Lanes

Major Collector - 2 Lanes

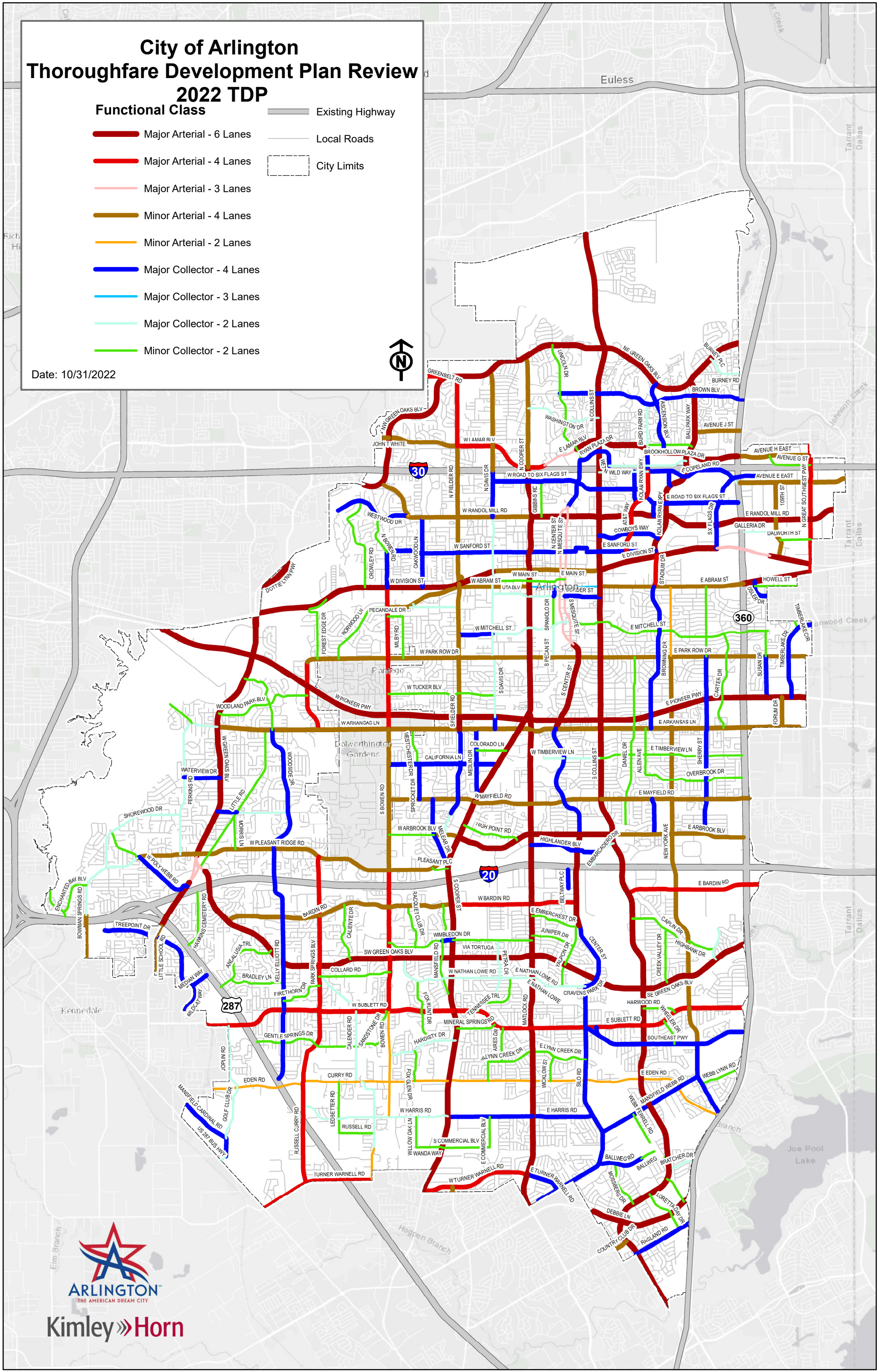
Minor Collector - 2 Lanes

Existing Highway

Local Roads

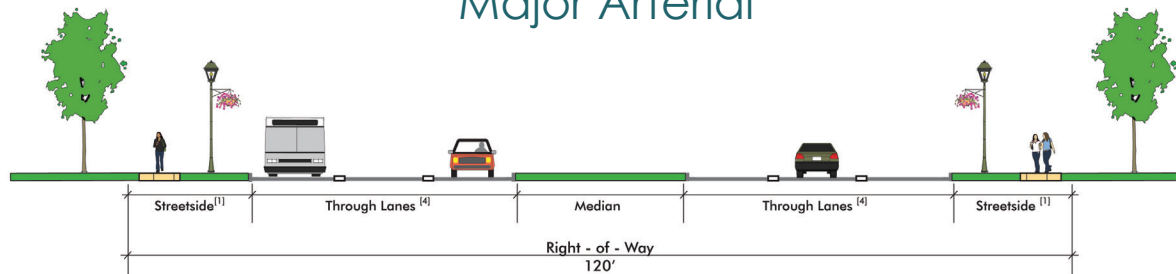
City Limits

Date: 10/31/2022

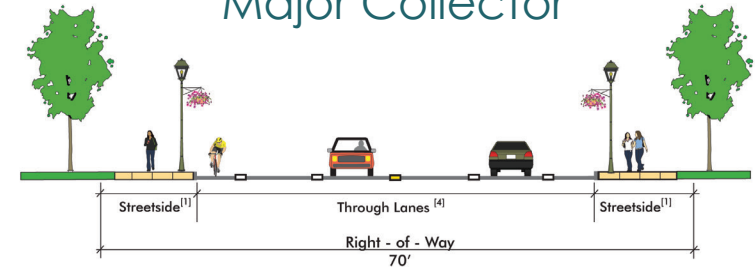


Flexible Design Matrix

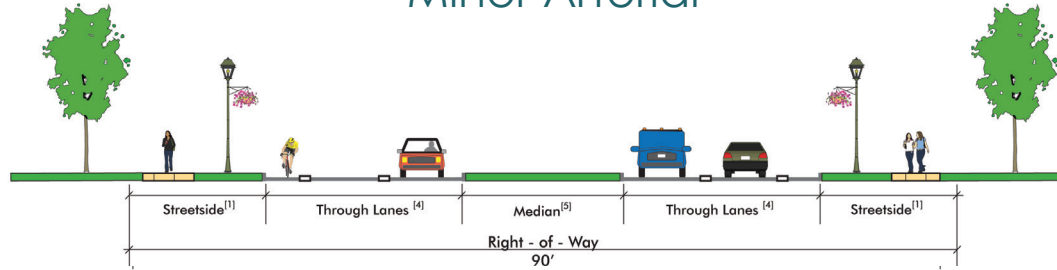
Major Arterial



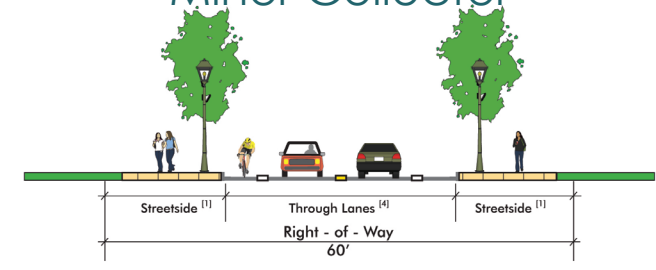
Major Collector



Minor Arterial



Minor Collector



| | Major Arterial | | | Minor Arterial | | | Major Collector | | | Minor Collector | | |
|--|-----------------|-----------------|-----------------|----------------------------|----------------------------|----------------------------|-----------------|----------------|----------------|-----------------|----------------|----------------|
| Pedestrian Realm | Suburban* | Urban* | Urban Core* | Suburban* | Urban* | Urban Core* | Suburban* | Urban* | Urban Core* | Suburban* | Urban* | Urban Core* |
| Recommended Streetside Width ^[1] | 14 - 26 ft | 15 - 27 ft | 15 - 27 ft | 9 - 23 ft | 11 - 25 ft | 11 - 25 ft | 9 - 23 ft | 9 - 25 ft | 9 - 25 ft | 9 - 19 ft | 9 - 19 ft | 9 - 19 ft |
| Recommended Sidewalk Width ^[2] | 4 - 10 ft | 6 - 12 ft | 6 - 12 ft | 4 - 10 ft | 6 - 14 ft | 6 - 16 ft | 4 - 10 ft | 4 - 14 ft | 4 - 16 ft | 4 - 8 ft | 4 - 10 ft | 4 - 12 ft |
| Recommended Pedestrian Buffer Width ^[3] | 8 - 14 ft | 7 - 13 ft | 7 - 13 ft | 4 - 12 ft | 4 - 10 ft | 4 - 8 ft | 4 - 12 ft | 4 - 10 ft | 4 - 8 ft | 4 - 10 ft | 4 - 8 ft | 4 - 6 ft |
| Travel Way Realm | | | | | | | | | | | | |
| Number of Through Lanes ^[4] | 4 - 6 | 4 - 6 | 4 - 6 | 2 - 4 | 2 - 4 | 2 - 4 | 2 - 4 | 2 - 4 | 2 - 4 | 2 - 3 | 2 - 3 | 2 - 3 |
| Target Speed (MPH) | 35 - 45 | 35 - 45 | 35 - 45 | 30 - 40 | 30 - 40 | 30 - 40 | 25 - 35 | 25 - 35 | 25 - 35 | 30 | 30 | 30 |
| Lane Width | 11 - 12 ft | 11 - 12 ft | 11 - 12 ft | 11 - 12 ft | 11 - 12 ft | 10 - 12 ft | 11 - 12 ft | 10 - 12 ft | 10 - 12 ft | 11 - 12 ft | 10 - 12 ft | 10 - 12 ft |
| Median Width ^[5] | 16 - 20 ft | 16 - 20 ft | 16 - 20 ft | 0 - 16 ft | 0 - 16 ft | 0 - 16 ft | 0 - 16 ft | 0 - 16 ft | 0 - 16 ft | N/A | N/A | N/A |
| On-Street Parking Width ^[6] | 8 - 9 ft | 8 - 9 ft | 8 - 9 ft | 8 - 9 ft | 8 - 9 ft | 8 - 9 ft | 8 - 9 ft | 8 - 9 ft | 8 - 9 ft | 8 - 9 ft | 8 - 9 ft | 8 - 9 ft |
| Bike Lanes (minimum) ^[7] | 6 ft | 5 - 6 ft | 5 - 6 ft | 6 ft | 5 - 6 ft | 5 - 6 ft | 5 - 6 ft | 5 - 6 ft | 5 - 6 ft | 5 - 6 ft | 5 - 6 ft | 5 - 6 ft |
| Right-of-Way (ROW) ^[8] | 120 ft | 120 ft | 120 ft | 90 - 100 ft ^[9] | 90 - 100 ft ^[9] | 90 - 100 ft ^[9] | 70 ft | 70 ft | 70 ft | 60 ft | 60 ft | 60 ft |
| Anticipated Traffic Volumes | 20,000 - 50,000 | 15,000 - 50,000 | 15,000 - 40,000 | 20,000 - 35,000 | 10,000 - 35,000 | 15,000 - 30,000 | 1,500 - 30,000 | 1,500 - 25,000 | 1,500 - 25,000 | 1,500 - 30,000 | 1,500 - 25,000 | 1,500 - 25,000 |

[1] Streetside width includes sidewalk, pedestrian buffer and 1' buffer on outside edge of sidewalk.

[2] Minimum width requirement for a suburban sidewalk is 4', however 6' is preferred as minimum if ROW permits.

[3] In suburban locations, buffer is typically fitted with landscaping such as grass, while in urban locations buffer can have tree wells. Buffer includes width needed for the curb.

[4] Number of through lanes for thoroughfares are identified on the TDP Map.

[5] Median for 2 lane option can be a two-way left turn lane if desired. No medians or center turn lanes are possible on minor collectors.

[6] When combined with bike lanes parallel parking can be 8', but 9' is preferred if ROW permits.

[7] For urban contexts, bike lanes can be 5' when combined with on-street parking, and 6' without adjacent on-street parking. Refer to Hike and Bike System Plan for additional details.

[8] Along roadways where previously dedicated right-of-way (ROW) is wider than the current required ROW, additional ROW may be required to transition road side elements (such as utilities) to the narrower roadway cross section.

[9] 100' of ROW is required only in specified instances; Eden Rd and Bowen Rd from Sublett to Calender Rd are the only thoroughfares designated as 100' (See TDP map for details).

[10] Lamar Blvd from Lincoln Dr to Ryan Plaza Dr is a 3 lane Major Arterial: 1 lane west-bound and 2 lanes east-bound.

[*] Information on context zones (suburban, urban, and urban core) can be found on page 10 of the manual.

**The table is intended to provide dimensions to be utilized in building a desired cross section. The maximum values in all categories may not be able to be used if the values exceed the available ROW.