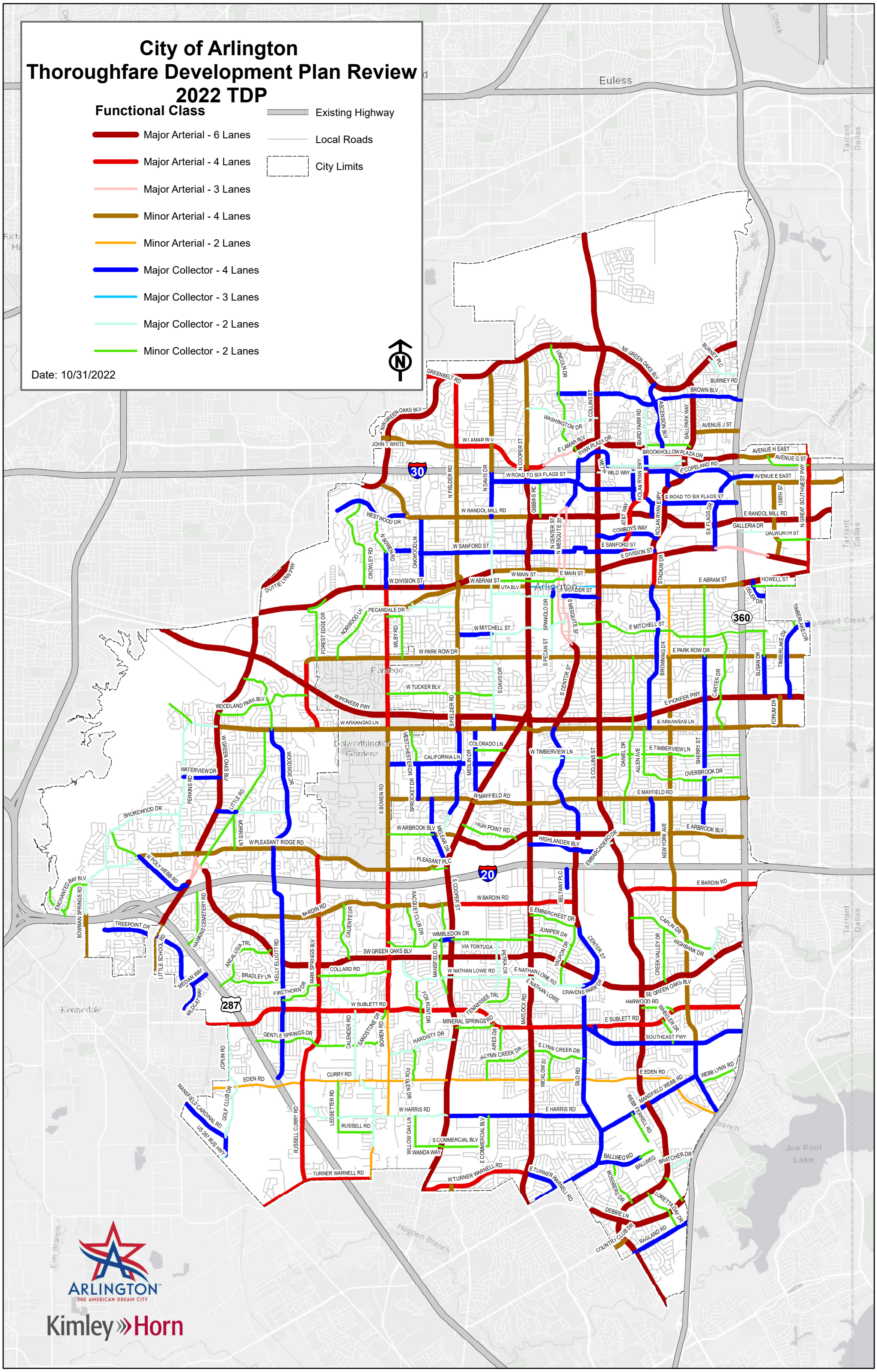
City of Arlington
Thoroughfare Development Plan Review
2022 TDP

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



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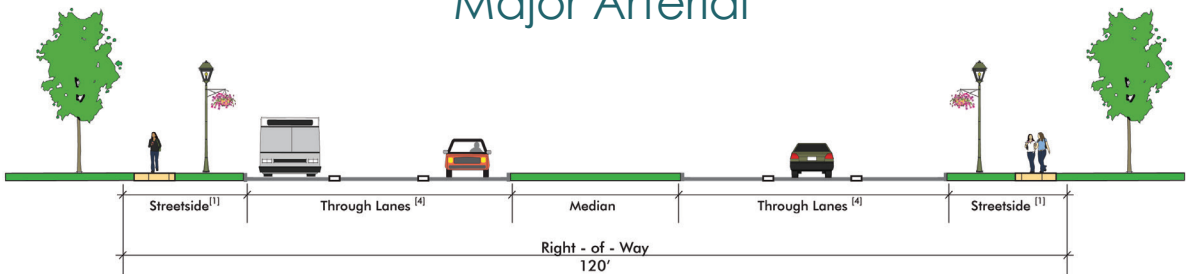
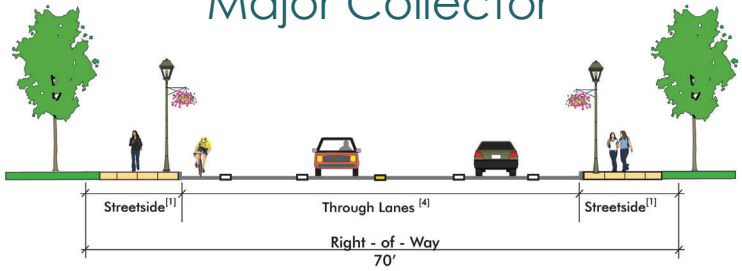
Flexible Design Matrix

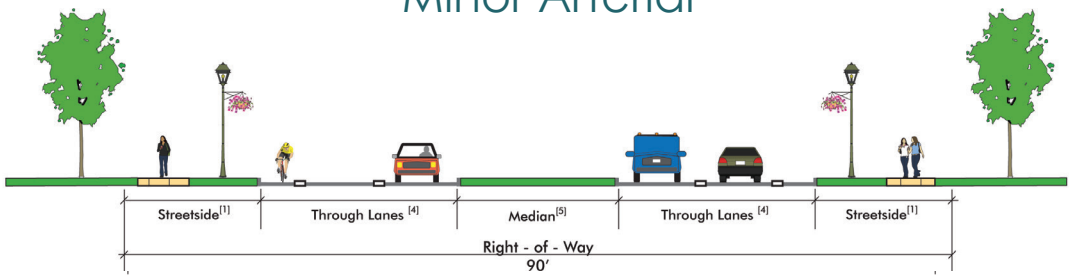
Major Arterial



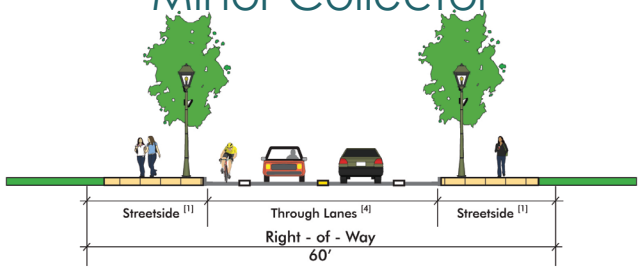
Major Collector



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.*