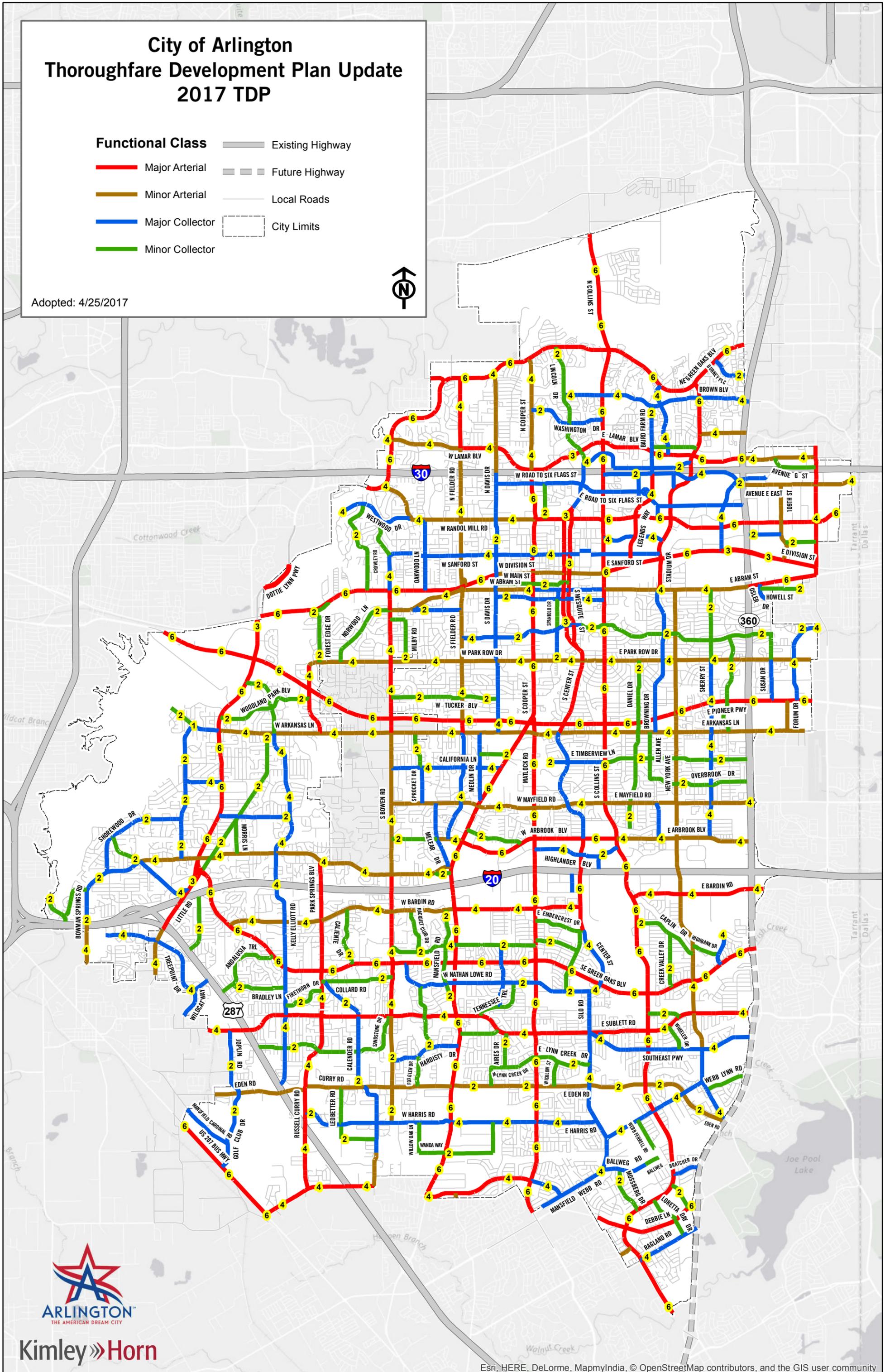


City of Arlington Thoroughfare Development Plan Update 2017 TDP

- Functional Class**
- Major Arterial
 - Minor Arterial
 - Major Collector
 - Minor Collector
- Existing Highway
 Future Highway
 Local Roads
 City Limits



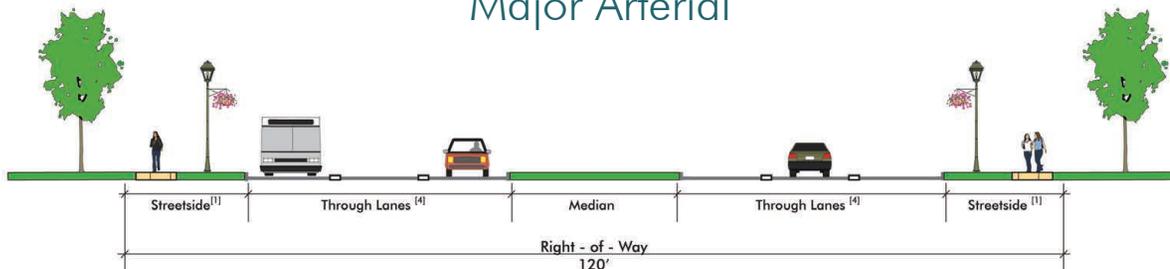
Adopted: 4/25/2017



Kimley»Horn

Flexible Design Matrix

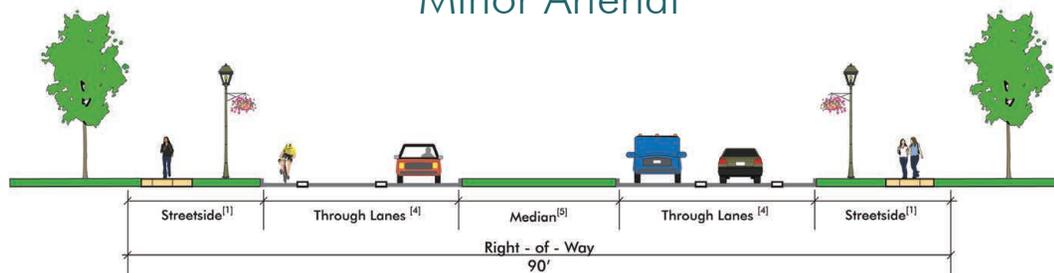
Major Arterial



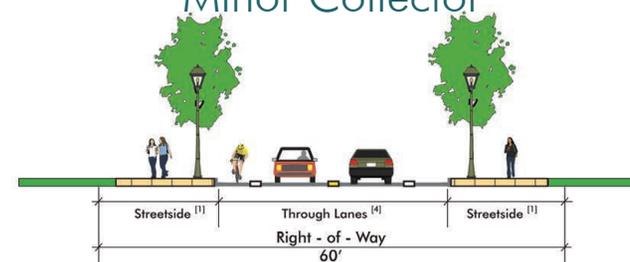
Major Collector



Minor Arterial



Minor Collector



	Major Arterial			Minor Arterial			Major Collector			Minor Collector		
	Suburban*	Urban*	Urban Core*	Suburban*	Urban*	Urban Core*	Suburban*	Urban*	Urban Core*	Suburban*	Urban*	Urban Core*
Pedestrian Realm												
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	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			
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.