

FORT WORTH, TEXAS STREET DESIGN STANDARDS

- **TABLES**

The street functional classification for the roadway system is provided in Table I.

Table I

STREET FUNCTIONAL CLASSIFICATION

	Freeways	Principal/ Regional Arterials	Major Arterials	Minor Arterials	Residential Streets
Trip Length	Long	Long	Long to Moderate	Less than 1 Mile	Less than ¼ Mile
Traffic Volume	High	High	High to Moderate	Moderate to Light	Light
Service to Activity Center	Major Generators	Major Generators	Major Generators	Local Areas	Individual Sites
System Continuity	Interconnects with same system	Interconnects with higher system	Interconnects with higher system	Interconnects with higher system	Connects individual sites
Facility Spacing	5 - 6 Miles	1 - 3 Miles	1 - 2 Miles	½ - 1 Mile	NA
Access Control	Full	Partial	Partial	Partial	None
Transit Service	Yes/Possible HOV Lanes	Normal	Normal	Normal	Door to Door Service
Right-of-Way	400'	110' - 130'	100' - 110'	80'	40' - 60'
Number of Lanes	4 - 8	6	4	4	2

Note: Industrial street classification relates to those streets within industrial districts and between industrial areas and arterials

Table II

URBAN DESIGN STANDARDS

Street Classification	Designation	Minimum Right-of-Way Widths	Minimum Roadway Widths	No. of Travel Lanes and Widths	Left Turn Lanes at Arterial	Median Widths (Center Lane)	Parkway Widths
Principal Arterials	P6D	130'	2-39'	6 Lanes – 4 @ 12', 2 @ 15'	2	28'	2@12'
Major Arterials	MA4D	110'	2-27'	4 Lanes – 2-12' & 2-15'	2	22'	2@17'
Minor Arterials	M4U	80'	2-27'	4 Lanes- 2-12' & 2-15'	1	None	2@13'
Industrial Streets	I 5U	100'	2-25'	4 Lanes – 2-12' & 2-13'	1	None	2@16'
	I 4D	100'	2-26'	4 Lanes – 4-13'	1	18'	2@15'
Residential Streets	MC	60'	40'	-	-	None	2@10'
	C	56'	36'	-	-	None	2@10'
	L	50'	28'	-	-	None	2@11'
	LL	40'	24'	-	-	None	2@8'

Notes:

1. Sidewalks required on both sides of all streets.
2. On-street parking is discouraged on arterial and industrial streets.

Table III

ALTERNATIVE DESIGN STANDARDS

Street Classification	Designation	Minimum Right-of-Way	Minimum Roadway Widths	No. of Lanes and Widths	Shoulder Widths	Median Widths	Parkway Widths
Principal Arterials	P4DA	130'	2-27'	4 Lanes 2-13' & 2-14'	2@8'	30'	2@15'
Major Arterials	MA4DA	110'	2-27'	4 Lanes 2-13' & 2-14'	2@8'	20'	2@10'
Minor Arterial	M4A	80'	48'	4 Lanes 4-12'	2@6'	None	2@10'
Industrial Streets	I 3A	100'	40'	2 Lanes 2-13'	2@12'	14'	2@18'
Residential Streets (Options)	LA-A	60'	24'	-	2@6'	None	2@12'
	LA-B	60'	30' (FC-FC)	-	None	None	2@15'
	LA-C	60'	30' (FC-FC)	-	None	None	2@15'

Notes:

1. Additional drainage easements may be required based on drainage studies, to meet 5 and 100 year storms.
2. On-street parking is discouraged on all streets.

Table IV

MINIMUM PAVEMENT CROSS SECTIONS

	Street Classification	Construction Standard
URBAN STANDARDS	Principal Arterial and Industrial Streets	8" Reinforced concrete 6" Stabilized Subgrade
	Major and Minor Arterial Streets	7" Reinforced Concrete 6" Stabilized Subgrade
	Local, Collector, and Private Streets	6" Reinforced Concrete 6" Stabilized Subgrade
		6" H.M.A.C. 8" Stabilized Subgrade
ALTERNATIVE STANDARDS	Principal Arterial and Industrial Street	2" H.M.A.C 6" Compacted Flex Base (Type A, Grade 2) 6" Stabilized Subgrade
		6" Reinforced Concrete 8" Stabilized Subgrade
	Major and Minor Arterial Street	
	Local, Collector and Private Street	2" H.M.A.C. 6" Compacted Flex Base (Type A, Grade 2) 6" Stabilized Subgrade
		5" H.M.A.C. 6" Stabilized Subgrade
		6" Reinforced Concrete 6" Stabilized Subgrade