


DESIGN CRITERIA	DIVIDED MAJOR ARTERIAL	SECONDARY ARTERIAL	COLLECTOR	INDUSTRIAL	LOCAL	LOW VOLUME LOCAL	CUL-DE-SAC OR HILLSIDE	PRIVATE	RURAL
ESTIMATED 24 HOUR TRAFFIC (ADT)	20,000 - 50,000	10,000 - 20,000	7,000 - 10,000	2,500- 7,000	500- 2,000	500 - 1,000	500	500 - 1,500	
DESIGN SPEED (MPH)	55	50	45	35	35	30	25	25	20
STOPPING SIGHT DISTANCE	500'	425'	360'	250'	250'	200'	150'	150'	150'
RIGHT-OF-WAY WIDTH	130'	88'	68'	64'	64'	60'	56'	SEE STD 110	50'
CURB TO CURB DISTANCE	106' 14' MEDIAN	64'	44'	44'	40'	36'	36'	SEE STD 110	36'
MINIMUM TRAFFIC INDEX	11	10	8	8	5.5	5	5	5	5
MINIMUM STRUCTURAL SECTION	6" AC 10" AB	6" AC 8" AB	5" AC 6" AB	6" AC 8" AB	4" AC 6" AB	4" AC 6" AB	4" AC 6" AB	4" AC 6" AB	4" AC 6" AB
MINIMUM HORIZONTAL RADIUS	1800' W/O SUPER ELEVATION	1800' W/O SUPER ELEVATION	1100' W/O SUPER ELEVATION	500'	500'	500'	250'	150'	150'
MAXIMUM GRADE	6%	8%	8%	8%	10%	10%	12%	12%	12%
MINIMUM GRADE	1.0%	1.0%	1.0%	0.6%	0.6%	0.6%	0.6%	0.6%	0.6%
MAXIMUM INTERSECTION GRADE	3% (NO CROSS GUTTERS)	3% (NO CROSS GUTTERS)	4% (NO CROSS GUTTERS)	5%	5%	5%	5%	5%	5%
MIN. CORNER SIGHT DISTANCE	525'	400'	360'	250'	250'	250'	250'	250'	250'
DRIVEWAY SPACING	300'	275'	230'	150' OR ONE PER LOT	150' OR ONE PER LOT	125' OR ONE PER LOT	100' OR ONE PER LOT	100' OR ONE PER LOT	85' OR ONE PER LOT
CURB RADIUS RETURN	35'	35'	35'	35'	25'	25'	25'	25'	N/A
MIN. SIDEWALK WIDTH	5'	5'	5'	5'	4'	4'	4'	5'	N/A
CURB HEIGHT	8"	8"	8"	8"	6"	6"	6"	6"	N/A
STREET LIGHT TYPE LOCATION PER STD 500-504	8,500-8,700 LUMEN 180" BOTH SIDES	8,500-8,700 LUMEN 180" STAGGERED	5,100-8,500 LUMEN 180" STAGGERED	5,100-8,500 LUMEN 180" STAGGERED	3,100-3,400 LUMEN 180" STAGGERED	3,100-3,400 LUMEN 180" STAGGERED	3,400-4,100 LUMEN 180" STAGGERED	3,100-3,400 LUMEN 180" STAGGERED	3,100-3,400 LUMEN AT INTERSECTION

REVISIONS:		
NO.	DATE	APPRV'D

APPROVED BY:  
  
 CITY ENGINEER  
 NELSON NELSON  
 RPE NO. C54435

DATE  
 10-12-2016

CITY OF CORONA

STREET DESIGN TABLE

STANDARD PLAN NUMBER: 100

SHT 1 OF 1