


PAVEMENT DESIGN—CONSTANTS

	BOULEVARD & ARTERIAL	COMMERCIAL & INDUSTRIAL COLLECTOR	NEIGHBORHOOD COLLECTOR	LOCAL
ADT	20,000	5,000	4,000	500
% ADT	8	15	5	5
GROWTH RATE	5	5	5	2
LANE FACTOR	0.5	0.5	0.5	0.5
DESIGN EAL	3,000,000	1,400,000	370,000	35,000
R%	95	90	85	80
S _o	0.45	0.45	0.45	0.45
P _i	4.20	4.20	4.20	4.20
P _t	2.5	2.4	2.3	2.2
ΔPSI	1.7	1.8	1.9	2.0
MINIMUM PAVEMENT SECTION WITHOUT PAVEMENT DESIGN *				
AC	6"	6"	4"	3"
CSTC	2"	2"	2"	2"
GRAVEL BORROW	24"	24"	18"	12"
MINIMUM PAVEMENT SECTION WITH PAVEMENT DESIGN *				
AC	4"	4"	3"	3"
CSTC	2"	2"	2"	2"
GRAVEL BORROW	12"	12"	8"	8"

* PAVEMENT DESIGN IS PER AASHTO DESIGN GUIDELINES AND CERTIFIED CALIFORNIA BEARING RATIO (CBR) SOIL TESTS. SEE STANDARD DRAWING 2-3 FOR PAVEMENT DESIGN WORKSHEET.

NOTE:

- USE 2% STREET CROSS SLOPE AND NO MORE THAN 33 FEET OF ROADWAY SLOPED IN ANY DIRECTION.

<i>City of Chehalis</i>	
PAVEMENT DESIGN	
APPROVED BY	DWG. NO.
	2-2
CITY ENGINEER	REVISED DATE
	3/26/2005