Traffic Signal Timing Calculator		
Blue cells editable		
driver reaction time, t =	1.5	sec
vehicle approach speed, v =	66.0	ft/sec
deceleration rate, a =	12.0	ft/sec^2
percent grade , G_p =	1.0	%
percent grade divided by 100, G =	0.010	-
width of intersection, curb-to-curb, W =	10.0	ft
length of vehicle, l =	20.0	ft
crosswalk length, L =	30.0	ft
pedestrian speed, S_p =	3.5	t/sec
number of pedestrian in interval, N_{ped} =	2.000	-
Results		
length of yellow interval, y =	4.178	sec
length of red clearance interval, r =	0.455	sec
minimum green time for pedestrians, Gp =	12.311	sec