```
\{d = d0: v = v0: ed = ed0: ev = ev0:\}
                                  [ed < 10 + 2*ev]
                                              Spacing Control
Speed Control
                                              du:
du:
                                              d dot = -v+vI:
d dot = -v+vI:
                                              v dot = 2*vl - v - ev - 0.25*(10 + 2*ev - ed);
v dot = 2*vl - v - ev;
                                              ed dot = vI - ev + 10*(d + nrad - ed);
ed dot = vI - ev + 10*(d + nrad - ed);
ev dot = 2*vl + v - 3*ev + 0.5*
                                              ev dot = 2*vl + v - 3*ev + 0.5*
(2*0.1543*ngps + 2*(1-0.1543)*nenc);
                                              (2*0.1543*ngps + 2*(1-0.1543)*nenc)
                                              -0.25*(10 + 2*ev - ed);
d out = d:
                                              d out = d;
v out = v;
                                              v out = v;
ed out = ed;
                                              ed out = ed:
ev out = ev;
                                              ev out = ev;
                                  [ed >= 10 + 2*ev]
```