

In this particular sign shown up there, there is a series of 3 posts, another row of 3 posts, and 2 posts. That is 8 posts. In effect, this is a form of impact attenuation device or energy absorbing barrier. In this particular case, however, these posts were not, I do not think, really designed, considering the kinetic energy of a vehicle. This particular system would probably stop, with satisfactory deceleration levels, a vehicle going 25 miles an hour and would probably be satisfactory in an urban area. However, when you get out on the highway and the vehicle speeds go up to 50, 60 miles per hour, 70 miles per hour, in effect the number of posts required there would have to go up in the order of 4 times. When you double the velocity, you quadruple the kinetic energy.



Dr. HIRSCH. This is another form of impact attenuation device which would probably work up to speeds of 25 miles per hour. Under a present contract we are working under with the Bureau of Public Roads, we are conducting tests and evaluations of various systems to bring out-of-control vehicles to a controlled stop, and incidentally,

