

Dr. HIRSCH. Another possible system developed by Rich of Sacramento, Calif., is a system of plastic cells 6 inches in diameter, about 3 feet high. The plastic cells are of wall thickness about a quarter-inch, are filled with water, and when the vehicle hits, it is like squeezing a tube of toothpaste or squeezing the water up in the air, which absorbs kinetic energy. Mr. Rich has tested the system up to 35 miles an hour in Sacramento and has installations in California which work satisfactorily.

The idea is, Can this concept be extended to 60 or 70 miles an hour? But just basically, we are working on this problem and will expect to test a number of the systems of the type illustrated on these slides this summer under contract with the Bureau of Public Roads and Department of Transportation.

