

ARIZONA DEPARTMENT OF TRANSPORTATION
ROADWAY ENGINEERING GROUP
OFFICE MEMO

April 29, 1998

TO: Roadway Design Personnel
ADOT and Consultants

FROM: Terry H. Otterness
Design Program Manager
Roadway Design Section

RE: ADIEM 350 Crash Cushion

The ADIEM 350 Crash Cushion has been approved for use on ADOT projects through the New Products Evaluation and Approval Process. The ADIEM 350 is a NCHRP Report 350 approved Test Level 3 crash cushion. It is manufactured and distributed by SYRO, Inc., a Trinity Industries Company.

The ADIEM 350 is described as a high performance, redirecting, energy-absorbing crash cushion and end treatment for portable and permanent protection of concrete barriers, bridge parapet rail, bridge piers and other hazards. The energy absorption elements of the ADIEM 350 are lightly reinforced, ultra low strength perlite concrete modules. The ADIEM dissipates the energy of an impact as the light-weight modules are crushed. All of the modules are identical with no specific order needed during installation.

Copies of the manufacturer's approved drawings may be obtained through Tom Scheck of Roadway Design at 255-8674. We have requested additional copies of the Design Manual from SYRO, Inc. and will make them available upon delivery. The Customer Service/Technical Assistance phone number is 1-800-644-SYRO.

Please contact us if you have questions or if we can be of assistance.

c:

Roadway Group Managers
Statewide Project Management
Valley Freeway Group
Traffic Group
Contracts and Specifications
Maintenance Group
Construction Group

Districts
FHWA
DIRP Committee Chairman
Engineering Consultant Services