

Safety

The surface provided by precast concrete pavers is a naturally safe surface for both vehicular and pedestrian traffic usage. The variety in pattern and color can also define different zones of use that might separate vehicular traffic from pedestrian traffic. The safety issues are therefore separated into two distinct categories that deal with safety at two different scales.

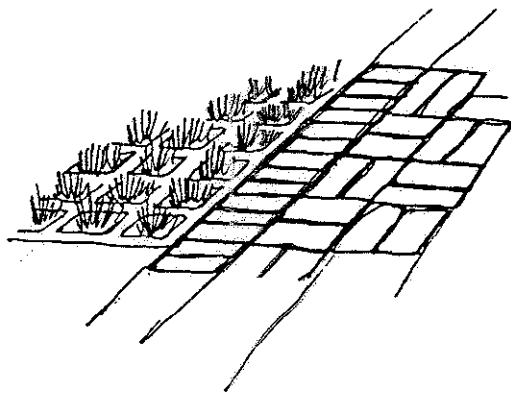
OVERALL DESIGN

TEXTURE

The many number of joints in concrete pavers results in a surface that has considerable texture. The somewhat noticeable sound and feel of vehicular movement over this type of surface has the natural tendency to slow traffic. This makes the use of this type of paving ideal for mixed pedestrian/vehicular applications.

PATTERN

The variation in pattern and the use of markers within the paving to delineate between two different types of functions such as fast moving pedestrian traffic from slower moving pedestrian traffic.



ASSEMBLY

SURFACE FRICTION

The overall assembly of individual units with many joints is by nature skid-resistant. The surface of the individual unit has been shown to have a skid-resistance similar to asphalt pavements.

WATER DISPERSAL

The fact that water is easily channeled into the chamfers of segmental pavers reduces the formation of water puddles that may cause a slippery pedestrian surface. The chamfers eliminate the potential of hydroplaning or loss of control of vehicles on the slick surface.

