

Abstract

SPONGE TYPE INTEGRATION SYSTEM OF ROAD AND GREEN SPACE

5 The present patent relates to a sponge - type integration system of road and green space, including a pavement, a water supply device and greenbelts, wherein a mounting space is arranged below the pavement; the greenbelts are located on one side or two sides of the pavement; and the water supply device is arranged in the mounting space and is connected with the pavement so as to supply water to the greenbelts under the action of an intermittent
10 downward pressure of pedestrians on the pavement. According to the present invention, the characteristic that a pedestrian walkway is capable of bearing a pressure is sufficiently utilized, and a manner of watering plants step by step is adopted, so that water absorption of the plants is promoted, and the long-acting effect of rainwater storage is achieved.

15 (Fig. 3)