

[Title of Invention]

Conduit Repair Structure

[Abstract]

A conduit repair structure in which solid objects are less likely to accumulate on a conduit bottom and that, even if solid objects accumulate on the conduit bottom, facilitates removal of the solid objects. A hollow frame-like reinforcement body laid substantially along a cross-sectional shape of a conduit (1) is constructed using a reinforcing member (2) having fixing parts (2p) arranged at predetermined intervals on the inner side of the conduit (2). Resin inner face bars (10) are attached to the inner side of the reinforcement body, and a curable filling material is placed in the space formed by the inner face bars (10) and a conduit inner wall (1a) to form a filling material layer (3). A body section (10c) of each inner face bar (10) is formed recessed in its width direction. The recessed shape of the body sections (10c) forms riblets on the bottom of the conduit, and this reduces resistance to water flowing in the conduit. Even in conduits, such as a horseshoe-shaped conduit and a rectangular conduit (box culvert), having flat bottoms and in which objects flow at low speed, the structure allows the objects to flow easier.

Fig. 2