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Development of	New	Steel	Road	Deck
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CT

Synopsis:

Kawasaki Steel Corp. has developed the new steel road deck with such features as follows: (1) Skidding resistance between automobile tires and road surface is comparable with asphalt road. The excellent skidding resistance is derived from small square projections formed on the flange surface of H-shapes by special work roll of universal mill. (2) Running noises of automobiles are a little more than those on asphalt road, but somewhat less than those on usual steel road decks.(3) Being constructed with welded H-shapes and split tees, the deck has less unit weight and higher strength than the design load according to the specifications for high way bridges.

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Development of New Steel Road Deck

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Synopsis:

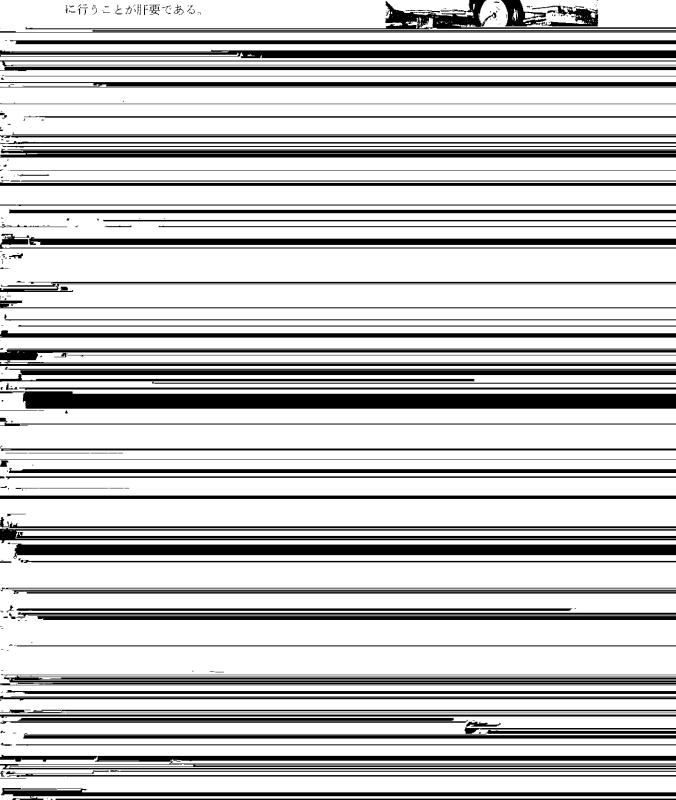
Kawasaki Steel Corp. has developed the new steel road deck with such features as follows:

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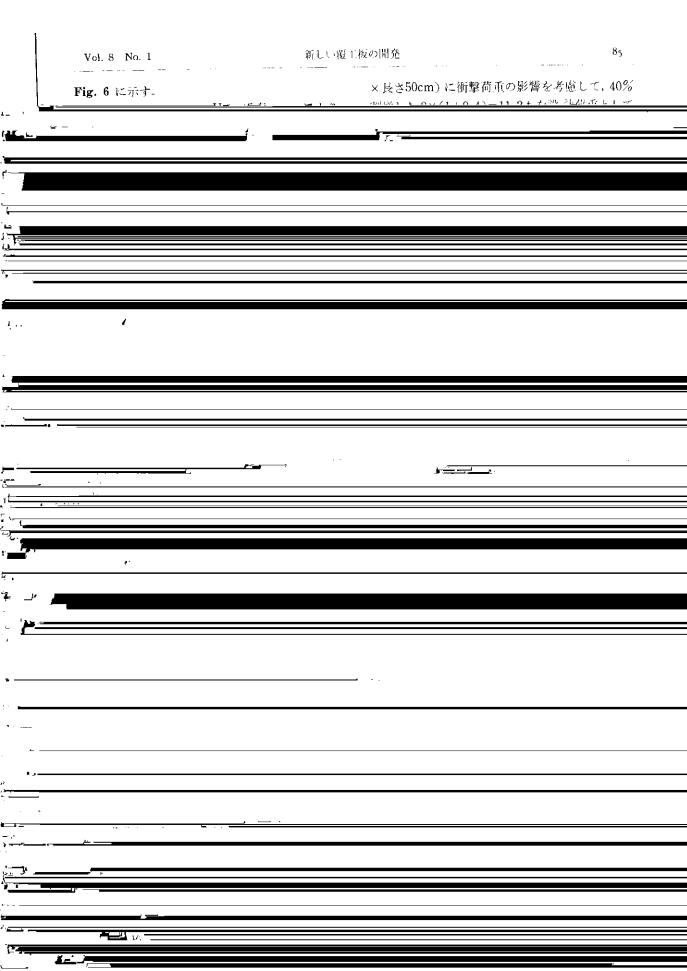
板の表面そのものを改善してアスファルト路面に 匹敵するようなすべり摩擦係数をもた せればよ い。また車輌走行時の騒音発生が、在来の 道路 詳細は**Fig. 1** に示すように,突起付 H 形 鋼 H-190×197×5×7とこれを切断した CT 形鋼を基本とし,中間に板厚 9mm の横りブを3ヶ所配

荷重、くり返し荷重に対しても十分な安全性をそなえている。組立、溶接ともに容易な構造となっているが、加工において横リブの溶接は特に入念に行うことが肝悪である









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の応力を Table 3 に示す。

道路橋示方書における許容応力は 1 400kg/cm² でおスムホートの毎甲トト雄生がにけむ主要を



