

No. RW/NH-33054/2/90-S&R(Pt)

Dated the 24th June, 1982.

To,

The Chief Engineers of all State PWDs and UTs, Director General (Works), CPWD, Director General (Border Roads).

Subject: Use of proper quality RCC pipes for culverts on National Highways.

The Ministry's book on "Specifications for Road and Bridge Works" (second revision) lays down that the pipes used for culverts on National Highways should be of NP-3 type conforming to IS:458. In this connection, it is pointed out that IS:458 was revised in 1988. In the 1988 edition, Class NP3 pipes of earlier standard (1971) have been redesignated as Class NP4 pipes. However, the new code (IS:458-1988) in its present form does not contain any details concerning design and strength requirements of Class NP 4 pipes (RCC Heavy Duty, Non-Pressure pipes) which are still to be finalised by BSI. In view of this, it has been decided that only NP 3 type pipes which conform to IS:458-1971 will be used for pipe culverts on National Highways till further advice in the matter. To repeat, NP 3 type pipes used must comply with IS : 458-1971, and not with later version of this standard, viz., IS:458-1988, which shall not be applicable.

2. It is requested that contents of this letter may please be brought to the notice of all officers in your Department engaged on National Highways works.