

East Central Railway

(100)
RAX
Office of the
GM(S&T)/HJP
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No. ECR/S&T/Sig/Policy/200 Pt.II

CSTE/CON/South & North,
CSTE/Works,
CSTE/T&P,
Sr. DSTEs
DNR, DHN, MGS, SEE & SPI
East Central Railway

Sub:- Cable protection arrangement.
Ref:- RDSO's guidelines on Signalling cable laying.

As per para 10.2 of RDSO's guidelines on Signalling cable laying (issued in Oct. 2011), for cable laying on bridges/culverts, it is stipulated that "where cable may not be taken underground across the drain bed, cable shall be taken on the culvert through GI/DWC-HDPE pipe of suitable sizes".

However, of late, it has come to notice that cable protection arrangements done through DWC/HDPE pipe for uncovered stretches (for eg. on bridges/culverts/drains/cable rise outside buildings) have been cut/damaged by miscreants with subsequent theft/cut of cables. Further the DWC/HDPE pipes are also not fire resistant.

In view of above it is directed that cable protection arrangement for uncovered/exposed stretches is to be done through GI pipes or GI troughs (filled with bitumen). However, for covered stretches like road crossing/track crossing etc., GI/DWC-HDPE pipe may continue to be used as means of protection of cables.


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CSTE/Plg, CSE/South & North for information.