General Manager (CORE),
Allahabad.

General Managers,
All Indian Railways.

Sub: Planning of OHE Layout While Executing Electrification Work on Single Line Sections.

A large number of electrification works are being sanctioned on single line sections. In most cases, doubling of the line has also been sanctioned simultaneously. Even in those cases where doubling has not been sanctioned, the same is inevitable in near future, looking at the importance and traffic density of these single line sections.

In cases where Electrification work has been carried out for existing single only, it is noticed that proper planning to take care of future Double Line is not being done. A careful planning will reduce lot of OHE modification work in yards, as also in mid section, during Doubling.

A number of portals are being erected in yards with the existing 3 lines of a single line section at the time of Electrification. If these portals are provided with a future four line yard in mind, taking into account the future passenger platform which will come on the fourth line, lot of efforts during doubling will be saved. This will save lot of cost also as a large number of existing OHE Portals are to be dismantled and new Portals being provided to accommodate the new four line yard during doubling.

In most cases, even the alignment of future double line in mid-section is not being taken care of. As a result, large number of Power Supply Installations like Sectioning Posts Sub-sectioning Posts and Sub-stations require shifting to make way for the new double line.

It has, therefore, been decided that whenever a Electrification Project is sanctioned on a single line section, alignment of the future double line shall first be decided. Yard Plans for the double line section shall also be prepared in advance and got approved. The Layout plans of OHE shall be developed based on these yard plans and alignment of the new double line so decided.

In cases where railway electrification of existing single line is sanctioned as one work while doubling along with electrification of new double line is sanctioned as a separate work, electrification of both lines shall be executed by one agency only. Board’s RE and Works Directorates will jointly decide the executing agency. Aspects brought out above shall be properly taken care of by the executing agency in such cases.

(Anirudh Jain)
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