

## **Construction of Approaches & Viaduct spans of ROB at Itarana Level Crossing no. 117 in Alwar.**

The traffic Survey was conducted at level crossing location to determine the ADT (Average Daily Traffic) in terms of Nos Traffic movement at Itarana Crossing was observed to be as high as 7,781 vehicles per day. The Average Annual Daily Traffic observed at Itarana Crossing indicates that motorized traffic constitutes 67 percent of the total traffic. Composition of trucks in the total traffic is very significant on account of the Itarana Industrial Area and direct access from Alwar by-pass. ROB Itarana, Alwar. On an average the existing single-line broad gauge railway line caters to 44 trains' per day. As a result, the Itarana Crossing closes for 35 times daily. The average railway gate closure time is reported as 10 minutes. Existing railway gate is not wide enough to cater to two-way traffic movements resulting in frequent traffic jams. For ease of traffic 2 lane ROB was constructed. The following will be the key outcomes from the Subproject:

- a. Predominant traffic will be served
- b. Avoid any accident
- c. Saving of time
- d. Fuel saving
- e. Traffic congestion will be eased
- f. Social & Environmental hazards to be improved
- g. No psychological obstruction