ID :3507 Ajabpur ROB __ __ __ __ __

on Chainage 160.725 of Ambala Paunta Shahib Dehradun Rishikesh (Haridwar) national highway

In District Dehradun Under NH Div Doiwala Division

Bridge Inventory Report

Division: NH Div Doiwala

Data not-yet finalized

General
Name of Division : 132
Revenue Block Name : 32
Chainage (at Mid Point) : 160.725
Road/ Segment Name : 2
Bridge Type : Road Over Bridge
Structure No : 161/1
Feature Intersected : Railway Line
Name of Bridge : Ajabpur ROB
Nearest Town : Dehradun
Latitude (Northing) : 30.28992900
Longitude (Easting) : 78.04942800
Construction Year : 2019
Inventory Year : 2025
Work Code(s) : --
Geometric
Overall length (in meter) : 821.68
Total No of Span : 24
Maximuam Span (in meter) : 37.20
Span Arragment : 13x26.50m+1x15.51m+1x37.20m+1x14.47m+1x24.50m+7x26.50m
No of Lane : 4.000
Overall Width (m) : 19.500
Carriageway Width (m) : 15.000
RS Footpath Width (m) : 1.000
LS Footpath Width (m) : 1.000
Approch Width i/c Shoulders (m) : 15.000
Gradient (%age) : 0
Skew Angle (degree) : 0.00
Radius of Curve in Plan (if Any) : 0.00
Design Data
HFL Highest Flood Level :
OFL Ordinary Flood Level :
LWL Low Water Level :
Design Velocity (m/Sec) :
Design Discharge (Cumecs) :
Soffit Level at Centre :
Road Level at Centre :
Design Scour Level at Pier :
Design Scour Level at Abutments :
Exposure Condition : Moderate

Seismic Importance factor : 0.0
Design Loading : Class A
Load Rating : Class A
Super-Structure
Superstructure Type : T-beam and slab
Superstructure Material : Reinforced concrete
Wearing Coat Type : Bituminous Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : POT PIN
Sub-Structure
Founding Strata : Bouldery
Abutment Foundation Type : Pile
Pier Foundation Type : Pile
No of Piers : 23
Abutment Type : RCC counterfort type
Pier Type : RCC Solid
Protection Work
Bank Protection Left Side of Up-stream : no protection work provided
Bank Protection Right Side of Up-stream : no protection work provided
Bank Protection Left Side of Down-stream : no protection work provided
Bank Protection Right Side of Down-stream : no protection work provided
Floor Protection on Up-stream : no protection work provided
Floor Protection on Down-stream : no protection work provided
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Prashant Kumar Aggarwal

