ID :116 Ranipokhri Bridge __ __ __ __ __

on Chainage 14.820 of Rishikesh Bhaniyawala state highway

In District Dehradun Under TD Rishikesh Division

Bridge Inventory Report

Division: TD Rishikesh

Data not-yet finalized

General
Name of Division : 53
Revenue Block Name : 33
Chainage (at Mid Point) : 14.820
Road/ Segment Name : 86
Bridge Type : Motor Bridge High Level
Structure No : 15/4
Feature Intersected : Jakhan river
Name of Bridge : Ranipokhri Bridge
Nearest Town : Jollygrant
Latitude (Northing) : 30.18926700
Longitude (Easting) : 78.19915900
Construction Year : 1964
Inventory Year : 2020
Work Code(s) : --
Geometric
Overall length (in meter) : 431.60
Total No of Span : 86
Maximuam Span (in meter) : 6.00
Span Arragment : 86x5.02
No of Lane : 2.000
Overall Width (m) : 6.700
Carriageway Width (m) : 6.700
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 8.000
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 : 1.0
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 : Pre-cast concrete
Bearing type : Elastomeric
Sub-Structure
Founding Strata : Bouldery
Abutment Foundation Type : Open
Pier Foundation Type : Open
No of Piers : 35
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 : In plum and wire create
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 : plum concrete
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE :

