ID :2672 Bhautowala R.C.C. Bridge __ __ __ __ __

on Chainage 3.300 of Rusha Farm to Bhuttowala Road

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) : 3.300
Road/ Segment Name : 1450
Bridge Type : Motor Bridge High Level
Structure No : 1/2
Feature Intersected : Bangala Nala
Name of Bridge : Bhautowala R.C.C. Bridge
Nearest Town : Bhautowala
Latitude (Northing) : 30.07765400
Longitude (Easting) : 78.22998700
Construction Year : 2010
Inventory Year : 2020
Work Code(s) : --
Geometric
Overall length (in meter) : 40.00
Total No of Span : 3
Maximuam Span (in meter) : 13.60
Span Arragment : 1x13.30,1x13.10,x1x13.60
No of Lane : 1.000
Overall Width (m) : 4.800
Carriageway Width (m) : 4.250
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 6.000
Gradient (%age) : 5
Skew Angle (degree) : 0.00
Radius of Curve in Plan (if Any) : 0.00
Design Data
HFL Highest Flood Level : 341.300
OFL Ordinary Flood Level : 340.500
LWL Low Water Level : 339.400
Design Velocity (m/Sec) :
Design Discharge (Cumecs) :
Soffit Level at Centre :
Road Level at Centre : 344.000
Design Scour Level at Pier :
Design Scour Level at Abutments :
Exposure Condition : Severe

Seismic Importance factor : 0.0
Design Loading : Class B
Load Rating : Class B
Super-Structure
Superstructure Type : T-beam and slab
Superstructure Material : Reinforced concrete
Wearing Coat Type : Cement Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Steel rolled section
Bearing type : other
Sub-Structure
Founding Strata : Bouldery
Abutment Foundation Type : Open
Pier Foundation Type : Open
No of Piers : 2
Abutment Type : RCC Box type
Pier Type : other
Protection Work
Bank Protection Left Side of Up-stream : R.R. Stone Masonry
Bank Protection Right Side of Up-stream : Wire Crate
Bank Protection Left Side of Down-stream : R.R. Stone Masonry
Bank Protection Right Side of Down-stream : R.R. Stone Masonry & Plum Concrete
Floor Protection on Up-stream : no protection work provided
Floor Protection on Down-stream : R.C.C. cutoff wall, Plum Concrete
Tratment for Corrosion Protection (if any) : Down Stream floor continues scouring time to time floor protection work required
final
Name of JE/AAE :

