

ID :2669 Rusha Farm Bridge \_ \_ \_ \_ \_

on Chainage 2.850 of Rusha Farm to Bhuttowala Road

In District Dehradun Under TD Rishikesh Division

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## Bridge Inventory Report

Division: TD Rishikesh

Data not-yet finalized

### General

Name of Division : 53

Revenue Block Name : 33

Chainage (at Mid Point) : 2.850

Road/ Segment Name : 1450

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Bangla Nala

Name of Bridge : Rusha Farm Bridge

Nearest Town : Gumaniwala

Latitude (Northing) : 30.08255000

Longitude (Easting) : 78.23426600

Construction Year : 2004

Inventory Year : 2022

### Geometric

Overall length (in meter) : 24.00

Total No of Span : 1

Maximum Span (in meter) : 24.00

Span Arrangement : 1x24

No of Lane : 1.000

Overall Width (m) : 4.720

Carriageway Width (m) : 4.260

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.000

Gradient (%age) : 7

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 340.600

OFL Ordinary Flood Level : 339.400

LWL Low Water Level : 338.500

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre :

Road Level at Centre : 343.000

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 0.0

Design Loading : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : Truss

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Steel rolled section

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Open

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : other

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : R.R. Stone Masonry

Bank Protection Right Side of Up-stream : R.R. Stone Masonry

Bank Protection Left Side of Down-stream : R.R. Stone Masonry

Bank Protection Right Side of Down-stream : R.R. Stone Masonry

Floor Protection on Up-stream : no protection work provided

Floor Protection on Down-stream : no protection work provided

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE :

