

ID :835 Near Raffle Home \_ \_ \_ \_ \_

on Chainage 1.554 of Mohini Road

In District Dehradun Under PD Dehradun Division

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## Bridge Inventory Report

Division: PD Dehradun

Data not-yet finalized

### General

Name of Division : 51

Revenue Block Name : 32

Chainage (at Mid Point) : 1.554

Road/ Segment Name : 295

Bridge Type : Motor Bridge High Level

Structure No : 02/01

Feature Intersected : Rispana River

Name of Bridge : Near Raffle Home

Nearest Town : Raffle Home

Latitude (Northing) : 30.63533300

Longitude (Easting) : 78.91266600

Construction Year : 1988

Inventory Year : 2021

### Geometric

Overall length (in meter) : 47.80

Total No of Span : 1

Maximum Span (in meter) : 47.80

Span Arrangement : 1x47.80

No of Lane : 2.000

Overall Width (m) : 9.640

Carriageway Width (m) : 7.900

RS Footpath Width (m) : 1.050

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 10.600

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 B

Load Rating : Class B

Super-Structure

Superstructure Type : Single/Multi-cell Box

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : Not Provided

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Raft

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : RCC Box type

Pier Type : NA

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 : protection work provided

Floor Protection on Up-stream : no protection work provided

Floor Protection on Down-stream : no protection work provided

Treatment for Corrosion Protection (if any) : yes, in down- stream c.c block protection work provided due to erosion

final

Name of JE/AEE : Brijesh Anthwal

