

ID :2053 8.100 \_ \_ \_ \_ \_

on Chainage 8.000 of NH-58 (Reliance Patrol Pump Mangalore) to NH-58 (Core College) road via Roorkee Nagar.

In District Haridwar Under CD Roorkee Division

---

## Bridge Inventory Report

Division: CD Roorkee

Data not-yet finalized

### General

Name of Division : 59

Revenue Block Name : 91

Chainage (at Mid Point) : 8.000

Road/ Segment Name : 6044

Bridge Type : Motor Bridge High Level

Structure No : 1

Feature Intersected : Solani

Name of Bridge : 8.100

Nearest Town : Roorkee

Latitude (Northing) : 29.87966200

Longitude (Easting) : 77.90108100

Construction Year : 1975

Inventory Year : 2020

### Geometric

Overall length (in meter) : 222.00

Total No of Span : 7

Maximum Span (in meter) : 38.00

Span Arrangement : 15.50+5×38+15.50

No of Lane : 2.000

Overall Width (m) : 7.500

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 9.000

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 : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Well

No of Piers : 0

Abutment Type : Stone Masonry

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

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

final

Name of JE/AAE :

