

ID :383 Gangotri vihar Bridge \_ \_ \_ \_ \_

on Chainage 1.350 of Aman Vihar Sahastradhara road to Saudhonwali road lane No.1

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) : 1.350

Road/ Segment Name : 1314

Bridge Type : Motor Bridge High Level

Structure No : 2/4

Feature Intersected : Rispana River

Name of Bridge : Gangotri vihar Bridge

Nearest Town : sahastradhara

Latitude (Northing) : 30.35661700

Longitude (Easting) : 78.07194000

Construction Year : 2006

Inventory Year : 2021

### Geometric

Overall length (in meter) : 40.00

Total No of Span : 8

Maximum Span (in meter) : 40.00

Span Arrangement : 1x40=40.00

No of Lane : 2.000

Overall Width (m) : 8.400

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 : 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 : Cast-in-situ concrete

Bearing type : POT PIN

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 in 22.00meter length

Bank Protection Right Side of Up-stream : R.R. Stone masonry in 30.00meter length

Bank Protection Left Side of Down-stream : R.R. Stone masonry and plum in 25.00 meter length

Bank Protection Right Side of Down-stream : R.R. Stone masonry and plum in 20.00 meter length

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 : SANAJAY BHARDWAZ

