

ID :147 Sattowali Ghati Bridge \_ \_ \_ \_ \_

on Chainage 0.800 of New Patel Nagar Iron&apos;s Bridge to Sattowala Ghati Approach Road

In District Dehradun Under CD Dehradun Division

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## Bridge Inventory Report

Division: CD Dehradun

Data not-yet finalized

### General

Name of Division : 54

Revenue Block Name : 32

Chainage (at Mid Point) : 0.800

Road/ Segment Name : 767

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Bindal river

Name of Bridge : Sattowali Ghati Bridge

Nearest Town : Gandhi Gram

Latitude (Northing) : 30.31426700

Longitude (Easting) : 78.01534700

Construction Year : 2003

Inventory Year : 2020

### Geometric

Overall length (in meter) : 27.00

Total No of Span : 8

Maximum Span (in meter) : 27.00

Span Arrangement : 8x3

No of Lane : 1.500

Overall Width (m) : 6.000

Carriageway Width (m) : 5.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.000

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 : Box girder

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Steel rolled section

Bearing type : Not Provided

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 : R.R. Masonry

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

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

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

Floor Protection on Up-stream : Cement Concrete Floor

Floor Protection on Down-stream : Cement Concrete Floor

Treatment for Corrosion Protection (if any) : Not required (RCC Box Culvert)

final

Name of JE/AAE : Er. Bharat Rawat

