

ID :2675 Chandani Bridge \_ \_ \_ \_ \_

on Chainage 155.750 of starting from Paonta at the junction of NH-72 Connecting Rajban, Shillai in state of Himanchal Pradesh and passing through Minus, Tuini in Uttarakhand and terminating at Hatkoti in Himanchal Pradesh. National Highway

In District Dehradun Under NH Doiwala Division

---

## Bridge Inventory Report

Division: NH Doiwala

Data not-yet finalized

### General

Name of Division : 132

Revenue Block Name : 28

Chainage (at Mid Point) : 155.750

Road/ Segment Name : 14

Bridge Type : Motor Bridge High Level

Structure No : 1/156

Feature Intersected : Chandani Nala

Name of Bridge : Chandani Bridge

Nearest Town : Tuini

Latitude (Northing) : 30.93138900

Longitude (Easting) : 77.84027800

Construction Year : 1960

Inventory Year : 2022

### Geometric

Overall length (in meter) : 19.00

Total No of Span : 1

Maximum Span (in meter) : 19.00

Span Arrangement : 1x19

No of Lane : 1.000

Overall Width (m) : 5.850

Carriageway Width (m) : 3.800

RS Footpath Width (m) : 0.800

LS Footpath Width (m) : 0.800

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 B

Load Rating : Class B

Super-Structure

Superstructure Type : Truss

Superstructure Material : Reinforced concrete

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Steel rolled section

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : Stone Masonry

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 : 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 : Prashant Kumar Aggarwal

