

ID :1148 shivlok bridge \_ \_ \_ \_ \_

on Chainage 5.350 of Ring Road of Dehradun(Jogiwala to Kirsali Chock) state highway

In District Dehradun Under TD Rishikesh Division

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## Bridge Inventory Report

Division: TD Rishikesh

Data not-yet finalized

### General

Name of Division : 53

Revenue Block Name : 32

Chainage (at Mid Point) : 5.350

Road/ Segment Name : 84

Bridge Type : Motor Bridge High Level

Structure No : 06/1

Feature Intersected : Nalapani shivlok nala

Name of Bridge : shivlok bridge

Nearest Town : Ladpur

Latitude (Northing) : 30.32069500

Longitude (Easting) : 78.07543400

Construction Year : 2018

Inventory Year : 2021

### Geometric

Overall length (in meter) : 34.00

Total No of Span : 5

Maximum Span (in meter) : 6.80

Span Arrangement : 5x6.8

No of Lane : 2.000

Overall Width (m) : 15.000

Carriageway Width (m) : 12.000

RS Footpath Width (m) : 1.500

LS Footpath Width (m) : 1.500

Approach Width i/c Shoulders (m) : 12.000

Gradient (%age) : 2

Skew Angle (degree) : 30.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 100.000

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 : Tubular steel

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Sandy

Abutment Foundation Type : Open

Pier Foundation Type : Open

No of Piers : 4

Abutment Type : RCC counterfort type

Pier Type : other

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 :

