

ID :302 SIDHBALI BRIDGE \_ \_ \_ \_ \_

on Chainage 17.100 of Chillarkhal Sigaddi Kotdwar Pakhro motor road

In District Pauri Under CD Dugadda Division

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## Bridge Inventory Report

Division: CD Dugadda

Data not-yet finalized

### General

Name of Division : 71

Revenue Block Name : 43

Chainage (at Mid Point) : 17.100

Road/ Segment Name : 180

Bridge Type : Motor Bridge High Level

Structure No : 17/1

Feature Intersected : KHO RIVER

Name of Bridge : SIDHBALI BRIDGE

Nearest Town : KOTDWAR

Latitude (Northing) : 29.76583333

Longitude (Easting) : 78.53861111

Construction Year : 1986

Inventory Year : 2021

### Geometric

Overall length (in meter) : 150.00

Total No of Span : 5

Maximum Span (in meter) : 30.00

Span Arrangement : 30X5

No of Lane : 2.000

Overall Width (m) : 9.500

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 1.000

LS Footpath Width (m) : 1.000

Approach Width i/c Shoulders (m) : 10.000

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 : POT PIN

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Open

Pier Foundation Type : Open

No of Piers : 4

Abutment Type : other

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 : SANTOSH BHARDWAJ AAE

