

ID :2278 BIRMOLA RAYAL RCC BRIDGE \_\_\_\_\_

on Chainage 1.400 of Tamli to Birmola motor road

In District Champawat Under PD Champawat Division

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## Bridge Inventory Report

Division: PD Champawat

Data not-yet finalized

### General

Name of Division : 19

Revenue Block Name : 60

Chainage (at Mid Point) : 1.400

Road/ Segment Name : 3757

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : GARTOLA GAAD

Name of Bridge : BIRMOLA RAYAL RCC BRIDGE

Nearest Town : BIRMOLA

Latitude (Northing) : 29.28079167

Longitude (Easting) : 80.28625833

Construction Year : 2004

Inventory Year : 2020

### Geometric

Overall length (in meter) : 16.00

Total No of Span : 1

Maximum Span (in meter) : 15.00

Span Arrangement : 1X16

No of Lane : 1.000

Overall Width (m) : 3.500

Carriageway Width (m) : 3.500

RS Footpath Width (m) : 3.750

LS Footpath Width (m) : 3.750

Approach Width i/c Shoulders (m) : 3.750

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 : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Open

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : Stone Masonry

Protection Work

Bank Protection Left Side of Up-stream : protection work provided

Bank Protection Right Side of Up-stream : protection work provided

Bank Protection Left Side of Down-stream : protection work provided

Bank Protection Right Side of Down-stream : protection work provided

Floor Protection on Up-stream : protection work provided

Floor Protection on Down-stream : protection work provided

Treatment for Corrosion Protection (if any) : special treatment provided

final

Name of JE/AAE : Narendra Singh

