

ID :1749 RCC motor Bridge \_ \_ \_ \_ \_

on Chainage 89.500 of Tehri Hindolakhhal Devprayag Vyasghat Bilkhet state highway

In District Pauri Under PD Pauri Division

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## Bridge Inventory Report

Division: PD Pauri

Data not-yet finalized

### General

Name of Division : 67

Revenue Block Name : 34

Chainage (at Mid Point) : 89.500

Road/ Segment Name : 94

Bridge Type : Motor Bridge High Level

Structure No : 90/1

Feature Intersected : Local Gadera

Name of Bridge : RCC motor Bridge

Nearest Town : Sangura (Bhuvneshwari Temple)

Latitude (Northing) : 29.96881000

Longitude (Easting) : 78.67387000

Construction Year : 2012

Inventory Year : 2022

### Geometric

Overall length (in meter) : 8.50

Total No of Span : 1

Maximum Span (in meter) : 8.50

Span Arrangement : 1x8.50

No of Lane : 1.000

Overall Width (m) : 4.000

Carriageway Width (m) : 3.750

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 : 574.300

OFL Ordinary Flood Level : 571.000

LWL Low Water Level : 569.300

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre : 575.700

Road Level at Centre : 576.000

Design Scour Level at Pier :

Design Scour Level at Abutments : 568.000

Exposure Condition : Very Severe

Seismic Importance factor : 1.0

Design Loading : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : Solid slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Tubular steel

Bearing type : Not Provided

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 : Er. Mahendra Singh Dawan

