

ID :190 Bitthaldas Asram- Laxman jhula Motor Road km 1.00 RCC Motor Bridge. \_\_\_\_\_

on Chainage 1.000 of Bithal Assaram Motor Road.

In District Tehri Under CD Narendnagar Division

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## Bridge Inventory Report

Division: CD Narendnagar

Data not-yet finalized

### General

Name of Division : 44

Revenue Block Name : 27

Chainage (at Mid Point) : 1.000

Road/ Segment Name : 502

Bridge Type : Motor Bridge High Level

Structure No : 5/5

Feature Intersected : Khara Sroth Gadera

Name of Bridge : Bitthaldas Asram- Laxman jhula Motor Road km 1.00 RCC Motor Bridge.

Nearest Town : Munikireti

Latitude (Northing) : 30.12592700

Longitude (Easting) : 78.30016100

Construction Year : 2016

Inventory Year : 2016

### Geometric

Overall length (in meter) : 50.00

Total No of Span : 1

Maximum Span (in meter) : 50.00

Span Arrangement : 25x2

No of Lane : 2.000

Overall Width (m) : 10.500

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 1.500

LS Footpath Width (m) : 1.500

Approach Width i/c Shoulders (m) : 10.000

Gradient (%age) : 3

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 : Solid slab

Superstructure Material : Pre-stressed concrete

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Open

Pier Foundation Type : Raft

No of Piers : 1

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 : Er. Rupesh Bhatt

