

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

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

