

ID :66 Malli Sethi bridge \_ \_ \_ \_ \_

on Chainage 50.125 of Ramnagar Bhandarpani Amgari Bhorakote Aakhudunga Talli Sati Betalghat Ratora  
Visalkote Jaina Richi Billekh state highway

In District Nanital Under CD Nainital Division

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## Bridge Inventory Report

Division: CD Nainital

Data not-yet finalized

### General

Name of Division : 10

Revenue Block Name : 75

Chainage (at Mid Point) : 50.125

Road/ Segment Name : 82

Bridge Type : Motor Bridge High Level

Structure No : 51/2

Feature Intersected : Kosi River

Name of Bridge : Malli Sethi bridge

Nearest Town : Amel

Latitude (Northing) : 29.49557800

Longitude (Easting) : 79.47820800

Construction Year : 2011

Inventory Year : 2020

### Geometric

Overall length (in meter) : 250.00

Total No of Span : 5

Maximum Span (in meter) : 50.00

Span Arrangement : 5x50

No of Lane : 2.000

Overall Width (m) : 7.200

Carriageway Width (m) : 6.700

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 5.950

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 : Solid slab

Superstructure Material : Pre-stressed concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Reinforced Elastomeric Joint

Railing/Crash Barrier type : Cast-in-situ concrete

Bearing type : other

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Well

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : RCC buttressed type

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 : RAKESH CHANDRA ARYA

