

ID :523 Kala Nala Setu \_ \_ \_ \_ \_

on Chainage 1.000 of road unknown

In District Nanital Under CD Haldwani Division

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## Bridge Inventory Report

Division: CD Haldwani

Data not-yet finalized

### General

Name of Division : 22

Revenue Block Name : 82

Chainage (at Mid Point) : 1.000

Road/ Segment Name :

Bridge Type : Motor Bridge High Level

Structure No : 10x1

Feature Intersected : Kala Nala

Name of Bridge : Kala Nala Setu

Nearest Town : Gandhinagar

Latitude (Northing) : 29.01805556

Longitude (Easting) : 79.52666667

Construction Year : 2016

Inventory Year : 2021

### Geometric

Overall length (in meter) : 10.00

Total No of Span : 1

Maximum Span (in meter) : 10.00

Span Arrangement : 1x10

No of Lane : 1.000

Overall Width (m) : 6.500

Carriageway Width (m) : 6.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.500

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 : Mild

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 : Sandy

Abutment Foundation Type : Open

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : Brick Masonry

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : R.R. 1:6 Stone masonry

Bank Protection Right Side of Up-stream : R.R. 1:6 Stone masonry

Bank Protection Left Side of Down-stream : R.R. 1:6 Stone masonry

Bank Protection Right Side of Down-stream : R.R. 1:6 Stone masonry

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

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