

ID :214 \_ \_ \_ \_ \_

on Chainage 46.815 of Kathgodam Hairakhan Sanani Bend Simaliya Bend state highway

In District Nanital Under PD Nainital Division

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## Bridge Inventory Report

Division: PD Nainital

Data not-yet finalized

### General

Name of Division : 9

Revenue Block Name : 80

Chainage (at Mid Point) : 46.815

Road/ Segment Name : 2994

Bridge Type : Motor Bridge High Level

Structure No : 3/3

Feature Intersected : Basutiya Nala

Name of Bridge :

Nearest Town : Haldwani

Latitude (Northing) : 29.31125280

Longitude (Easting) : 79.71948050

Construction Year : 2000

Inventory Year : 2020

### Geometric

Overall length (in meter) : 30.00

Total No of Span : 1

Maximum Span (in meter) : 30.00

Span Arrangement : 1x30

No of Lane : 1.000

Overall Width (m) : 4.750

Carriageway Width (m) : 4.300

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 : 600.000

OFL Ordinary Flood Level : 200.000

LWL Low Water Level : 100.000

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 B  
Load Rating : Class B  
Super-Structure  
Superstructure Type : Truss  
Superstructure Material : Steel  
Wearing Coat Type : Cement Concrete  
Expansion Joint Type : Other  
Railing/Crash Barrier type : Steel rolled section  
Bearing type : Roller & Rocker  
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 : RR dry wall  
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 : RR 1:6 Wall  
Floor Protection on Down-stream : RR 1:6 Wall  
Treatment for Corrosion Protection (if any) : Red oxide paint  
final  
Name of JE/AAE : Er. Ved Prakash

