

ID :72 harinagar-chandadevi bridge \_ \_ \_ \_ \_

on Chainage 3.750 of road unknown

In District Nainital Under TD Bhawali Division

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## Bridge Inventory Report

Division: TD Bhawali

Data not-yet finalized

### General

Name of Division : 12

Revenue Block Name : 78

Chainage (at Mid Point) : 3.750

Road/ Segment Name :

Bridge Type : Motor Bridge High Level

Structure No : 1

Feature Intersected : kherola gaad

Name of Bridge : harinagar-chandadevi bridge

Nearest Town : Bhimtal

Latitude (Northing) : 29.32638000

Longitude (Easting) : 79.56538000

Construction Year :

Inventory Year : 2020

### Geometric

Overall length (in meter) : 36.00

Total No of Span : 1

Maximum Span (in meter) : 36.00

Span Arrangement : 36

No of Lane : 1.000

Overall Width (m) : 6.000

Carriageway Width (m) : 4.250

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 : 620.000

OFL Ordinary Flood Level :

LWL Low Water Level : 615.000

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre : 1.000

Road Level at Centre : 635.000

Design Scour Level at Pier : 1.000

Design Scour Level at Abutments : 1.000

Exposure Condition : Moderate

Seismic Importance factor : 1.0

Design Loading : Class A  
Load Rating : Class A  
Super-Structure  
Superstructure Type : Truss  
Superstructure Material : Steel  
Wearing Coat Type : Cement Concrete  
Expansion Joint Type : Single Strip/Box Seal Joint  
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 : plum concrete  
Bank Protection Right Side of Up-stream : plum concrete  
Bank Protection Left Side of Down-stream : plum concrete  
Bank Protection Right Side of Down-stream : plum concrete  
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. Kamal Kishor Pathak

