

ID :1614 nareshwer bridge \_ \_ \_ \_ \_

on Chainage 6.450 of Ghughukhan Saud motor road

In District Nainital 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 : 77

Chainage (at Mid Point) : 6.450

Road/ Segment Name : 3000

Bridge Type : Motor Bridge High Level

Structure No : 7/1

Feature Intersected : nareshwer gadhera

Name of Bridge : nareshwer bridge

Nearest Town : Nainital

Latitude (Northing) : 29.45760000

Longitude (Easting) : 79.40380000

Construction Year : 2020

Inventory Year : 2022

### Geometric

Overall length (in meter) : 25.25

Total No of Span : 1

Maximum Span (in meter) : 24.00

Span Arrangement : 1x24

No of Lane : 1.500

Overall Width (m) : 7.650

Carriageway Width (m) : 5.500

RS Footpath Width (m) : 0.625

LS Footpath Width (m) : 0.625

Approach Width i/c Shoulders (m) : 7.000

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 148.000

OFL Ordinary Flood Level : 100.000

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 : 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 : POT PIN  
Sub-Structure  
Founding Strata : Rocky  
Abutment Foundation Type : Open  
Pier Foundation Type : NA  
No of Piers : 0  
Abutment Type : RCC Box type  
Pier Type : NA  
Protection Work  
Bank Protection Left Side of Up-stream : wing wall  
Bank Protection Right Side of Up-stream : wing wall  
Bank Protection Left Side of Down-stream : wing wall/plum concrete  
Bank Protection Right Side of Down-stream : wing wall/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) : enamel painting work  
final  
Name of JE/AAE : Laxman Ram

