

ID :1614 nareshwer bridge _ _ _ _ _

on Chainage 6.450 of Ghughukhan Saud motor road

In District Nainital Under PD Nainital Division

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

