

ID :2551 Naini Bridge \_ \_ \_ \_ \_

on Chainage 6.200 of Digtoli Diyuri to ChandikaGhat motor road

In District Pithoragarh Under PD Pithoragarh Division

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## Bridge Inventory Report

Division: PD Pithoragarh

Data not-yet finalized

### General

Name of Division : 15

Revenue Block Name : 55

Chainage (at Mid Point) : 6.200

Road/ Segment Name : 6116

Bridge Type : Motor Bridge High Level

Structure No : 64

Feature Intersected : Naini Gaarh

Name of Bridge : Naini Bridge

Nearest Town : Pithoragarh

Latitude (Northing) : 29.63720100

Longitude (Easting) : 80.14214600

Construction Year : 2021

Inventory Year : 2022

### Geometric

Overall length (in meter) : 13.00

Total No of Span : 1

Maximum Span (in meter) : 13.00

Span Arrangement : 1 x 13

No of Lane : 1.000

Overall Width (m) : 6.000

Carriageway Width (m) : 5.500

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 :

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 : Moderate

Seismic Importance factor : 1.5

Design Loading : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : T-beam and 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 : 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 : wing wall

Bank Protection Right Side of Up-stream : wing wall

Bank Protection Left Side of Down-stream : wing wall

Bank Protection Right Side of Down-stream : wing wall

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 : AAE VINOD PANDEY

