

ID :831 Steel Girder Bridge at Naulra Khatera mr Km 4 (4-6) \_ \_ \_ \_ \_

on Chainage 3.500 of Road towards Kulwant Singh's house from the main road in Magarsada village

In District Pithoragarh Under PD Didihaat Division

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## Bridge Inventory Report

Division: PD Didihaat

Data not-yet finalized

### General

Name of Division : 16

Revenue Block Name : 49

Chainage (at Mid Point) : 3.500

Road/ Segment Name : 3927

Bridge Type : Motor Bridge High Level

Structure No : 4/1

Feature Intersected : Chamadiya gaad

Name of Bridge : Steel Girder Bridge at Naulra Khatera mr Km 4 (4-6)

Nearest Town : Nachani

Latitude (Northing) : 29.88694400

Longitude (Easting) : 80.18361100

Construction Year : 2020

Inventory Year : 2021

### Geometric

Overall length (in meter) : 18.00

Total No of Span : 1

Maximum Span (in meter) : 18.00

Span Arrangement : 1x18

No of Lane : 1.000

Overall Width (m) : 4.250

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) : 3

Skew Angle (degree) : 3.00

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 : 1.0

Design Loading : Class A

Load Rating : Class A

Super-Structure

Superstructure Type : Truss

Superstructure Material : Steel

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Reinforced Elastomeric 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 : no protection work provided

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 : 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 : Yateesh Bisht

