

ID :257 paaligaad bridge \_ \_ \_ \_ \_

on Chainage 195.658 of Rishikesh Dharasu Barkot Phool Chatti (Yamunotri) national highway

In District Uttarkashi Under NH Badkot Division

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## Bridge Inventory Report

Division: NH Badkot

Data not-yet finalized

### General

Name of Division : 62

Revenue Block Name : 3

Chainage (at Mid Point) : 195.658

Road/ Segment Name : 7

Bridge Type : Motor Bridge High Level

Structure No : 196/1

Feature Intersected : paaligaad

Name of Bridge : paaligaad bridge

Nearest Town : kuthnor

Latitude (Northing) : 30.88806000

Longitude (Easting) : 78.30500000

Construction Year : 2021

Inventory Year : 2021

### Geometric

Overall length (in meter) : 36.00

Total No of Span : 1

Maximum Span (in meter) : 36.00

Span Arrangement : 1

No of Lane : 2.000

Overall Width (m) : 14.800

Carriageway Width (m) : 10.800

RS Footpath Width (m) : 1.500

LS Footpath Width (m) : 1.500

Approach Width i/c Shoulders (m) : 14.800

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 1560.000

OFL Ordinary Flood Level :

LWL Low Water Level : 1556.000

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre : 1566.685

Road Level at Centre : 1567.000

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Mild

Seismic Importance factor : 1.0

Design Loading : Class AA

Load Rating : Class AA

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

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 : Bouldery

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 : 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 :

