

ID :361 1.5 lane motor bridge in karanprayag over Pinder river \_\_\_\_\_

on Chainage 1.030 of Panchpuliya internal road

In District Chamoli Under PD Karnprayag Division

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## Bridge Inventory Report

Division: PD Karnprayag

Data not-yet finalized

### General

Name of Division : 36

Revenue Block Name : 9

Chainage (at Mid Point) : 1.030

Road/ Segment Name : 392

Bridge Type : Motor Bridge High Level

Structure No : 231/1

Feature Intersected : Pinder River

Name of Bridge : 1.5 lane motor bridge in karanprayag over Pinder river

Nearest Town : Karanprayag

Latitude (Northing) : 30.26117500

Longitude (Easting) : 79.50055550

Construction Year : 2016

Inventory Year : 2021

### Geometric

Overall length (in meter) : 60.00

Total No of Span : 1

Maximum Span (in meter) : 60.00

Span Arrangement : 60

No of Lane : 1.500

Overall Width (m) : 6.800

Carriageway Width (m) : 6.800

RS Footpath Width (m) : 0.950

LS Footpath Width (m) : 0.950

Approach Width i/c Shoulders (m) : 7.500

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 774.050

OFL Ordinary Flood Level : 774.050

LWL Low Water Level : 774.050

Design Velocity (m/Sec) :

Design Discharge (Cumecs) : 774.05

Soffit Level at Centre : 774.050

Road Level at Centre : 774.050

Design Scour Level at Pier :

Design Scour Level at Abutments : 773.050

Exposure Condition : Moderate

Seismic Importance factor : 0.0

Design Loading : Class A

Load Rating : Class A

Super-Structure

Superstructure Type : Truss

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : POT PIN

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : RCC counterfort type

Pier Type : RCC Solid

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 : Lalit Mohan Gairi

