

ID :3437 Pinder River _ _ _ _ _

on Chainage 4.950 of Karanprayg-Nainisain Motor road to Dimmer link road

In District Chamoli Under TD Gaucher Division

Bridge Inventory Report

Division: TD Gaucher

Data not-yet finalized

General

Name of Division : 38

Revenue Block Name : 11

Chainage (at Mid Point) : 4.950

Road/ Segment Name : 1753

Bridge Type : Motor Bridge High Level

Structure No : 1/2

Feature Intersected : Pinder

Name of Bridge : Pinder River

Nearest Town : karanprayag

Latitude (Northing) : 30.22965700

Longitude (Easting) : 79.25675000

Construction Year : 2023

Inventory Year : 2024

Geometric

Overall length (in meter) : 80.00

Total No of Span : 1

Maximum Span (in meter) : 80.00

Span Arragment : 1x80 m

No of Lane : 1.500

Overall Width (m) : 7.500

Carriageway Width (m) : 5.500

RS Footpath Width (m) : 1.000

LS Footpath Width (m) : 1.000

Approch Width i/c Shoulders (m) : 5.950

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) : 4000.00

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 : 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 : NA

Protection Work

Bank Protection Left Side of Up-stream : plum protection work provided

Bank Protection Right Side of Up-stream : plum protection work provided

Bank Protection Left Side of Down-stream : plum protection work provided

Bank Protection Right Side of Down-stream : plum 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 : Er. prem Pant

