

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

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

