

ID :725 48m span steel girder motor bridge _ _ _ _ _

on Chainage 1.975 of Khatigaon link motor road

In District Champawat Under PD Bageshwar Division

Bridge Inventory Report

Division: PD Bageshwar

Data not-yet finalized

General

Name of Division : 5

Revenue Block Name : 59

Chainage (at Mid Point) : 1.975

Road/ Segment Name : 631

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Kulur river

Name of Bridge : 48m span steel girder motor bridge

Nearest Town : Kanda

Latitude (Northing) : 29.79997900

Longitude (Easting) : 79.98317000

Construction Year : 2017

Inventory Year : 2020

Geometric

Overall length (in meter) : 48.00

Total No of Span : 1

Maximum Span (in meter) : 48.00

Span Arrangement : 1x48m

No of Lane : 1.000

Overall Width (m) : 4.750

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 4.750

Gradient (%age) : 5

Skew Angle (degree) : 1.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 103.000

OFL Ordinary Flood Level : 101.000

LWL Low Water Level : 100.500

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre : 0.230

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 : other

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Raft

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 : Plum concrete

Floor Protection on Down-stream : Plum concrete

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE : Chanchal Singh Koranga

