

ID :1641 STEEL GIRDER MOTOR BRIDGE IN KM 11 OF KG MOTOR ROAD

on Chainage 11.000 of Khabli Gundiyaatgaon motor road

In District Uttarkashi Under CD Purola Division

Bridge Inventory Report

Division: CD Purola

Data not-yet finalized

General

Name of Division : 33

Revenue Block Name : 2

Chainage (at Mid Point) : 11.000

Road/ Segment Name : 5162

Bridge Type : Motor Bridge High Level

Structure No : 11/1

Feature Intersected : KAMAL RI VER

Name of Bridge : STEEL GIRDER MOTOR BRIDGE IN KM 11 OF KG MOTOR ROAD

Nearest Town : PUROLA

Latitude (Northing) : 30.93551900

Longitude (Easting) : 78.12534400

Construction Year : 2008

Inventory Year : 2021

Geometric

Overall length (in meter) : 48.00

Total No of Span : 1

Maximum Span (in meter) : 48.00

Span Arrangement : 1X48

No of Lane : 1.000

Overall Width (m) : 4.600

Carriageway Width (m) : 4.300

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 6.000

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) :

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 : Steel

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Steel rolled section

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Well

No of Piers : 0

Abutment Type : Stone Masonry

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 :

