

ID :162 48.00 Meter span steel girder Bridge \_ \_ \_ \_ \_

on Chainage 0.000 of road unknown

In District Bageshwar Under CD Kapkot Division

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## Bridge Inventory Report

Division: CD Kapkot

Data not-yet finalized

### General

Name of Division : 6

Revenue Block Name : 72

Chainage (at Mid Point) : 0.000

Road/ Segment Name :

Bridge Type : Motor Bridge High Level

Structure No : 1/2

Feature Intersected : Mahatgard River

Name of Bridge : 48.00 Meter span steel girder Bridge

Nearest Town : Chetabagar

Latitude (Northing) : 29.92070700

Longitude (Easting) : 80.09814500

Construction Year : 2019

Inventory Year : 2020

### Geometric

Overall length (in meter) : 48.00

Total No of Span : 1

Maximum Span (in meter) : 48.00

Span Arrangement : 48.00

No of Lane : 1.000

Overall Width (m) : 4.700

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 5.000

Gradient (%age) : 2

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 1103.500

OFL Ordinary Flood Level : 1100.500

LWL Low Water Level : 1100.000

Design Velocity (m/Sec) : 6.00

Design Discharge (Cumecs) : 1500.00

Soffit Level at Centre : 1109.000

Road Level at Centre : 1110.000

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 1.2

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 : POT PIN

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Raft

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : RCC Box type

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : Plum Concrete Block

Bank Protection Right Side of Up-stream : Plum Concrete Block

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 : Prem Singh Bisht

