

ID :146 84.00 meter Span Steel Girder Moter Bridge (1.50 Lane) _ _ _ _ _

on Chainage 1.300 of kapkot Pindari glesiyar motor road

In District Bageshwar Under CD Kapkot Division

Bridge Inventory Report

Division: CD Kapkot

Data not-yet finalized

General

Name of Division : 6

Revenue Block Name : 72

Chainage (at Mid Point) : 1.300

Road/ Segment Name : 120

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Saryu River

Name of Bridge : 84.00 meter Span Steel Girder Moter Bridge (1.50 Lane)

Nearest Town : Bharari

Latitude (Northing) : 29.97298900

Longitude (Easting) : 79.90919400

Construction Year : 2020

Inventory Year : 2020

Geometric

Overall length (in meter) : 84.00

Total No of Span : 1

Maximum Span (in meter) : 84.00

Span Arragment : 1x84.00

No of Lane : 1.500

Overall Width (m) : 5.500

Carriageway Width (m) : 5.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approch Width i/c Shoulders (m) : 7.000

Gradient (%age) : 4

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 1107.500

OFL Ordinary Flood Level : 1102.500

LWL Low Water Level : 1100.000

Design Velocity (m/Sec) : 8.00

Design Discharge (Cumecs) : 3200.00

Soffit Level at Centre : 1112.300

Road Level at Centre : 1114.150

Design Scour Level at Pier : 1.500

Design Scour Level at Abutments : 6.500

Exposure Condition : Severe

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 : Rocky
Abutment Foundation Type : Open
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 : no protection work provided
Bank Protection Left Side of Down-stream : Plum Concrete Block
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) : Steel Paint
final
Name of JE/AAE : Govind singh Mahara

