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
Work Code(s) : --
Geometric
Overall length (in meter) : 84.00
Total No of Span : 1
Maximuam 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
Expension 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
Tratment for Corrosion Protection (if any) : Steel Paint
final
Name of JE/AAE : Govind singh Mahara

