

ID :1909 33.00 Mtr Motor Bridge at Balighat \_ \_ \_ \_ \_

on Chainage 6.000 of Dangoli Sailani Darimkhet Hadbar Pandrahpali Balighat Dofad Dhramghar Kotmanya Pankhu Thal Satsiling state highway

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) : 6.000

Road/ Segment Name : 33

Bridge Type : Motor Bridge High Level

Structure No : 6/1

Feature Intersected : Saryu River

Name of Bridge : 33.00 Mtr Motor Bridge at Balighat

Nearest Town : Balighat

Latitude (Northing) : 29.87648600

Longitude (Easting) : 79.78505000

Construction Year : 1980

Inventory Year : 2010

### Geometric

Overall length (in meter) : 33.00

Total No of Span : 1

Maximum Span (in meter) : 33.00

Span Arrangement : 1x33

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) : 5.500

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 953.000

OFL Ordinary Flood Level : 950.500

LWL Low Water Level : 950.000

Design Velocity (m/Sec) : 5.00

Design Discharge (Cumecs) : 1450.00

Soffit Level at Centre : 956.250

Road Level at Centre : 957.000

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 1.0

Design Loading : Class B

Load Rating : Class B

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 : Elastomeric

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 : 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 : Er. Jagdish Prasad

