

ID :511 12.90 mtr span Udiyar Bridge \_ \_ \_ \_ \_

on Chainage 38.800 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) : 38.800

Road/ Segment Name : 33

Bridge Type : Motor Bridge High Level

Structure No : 38/1

Feature Intersected : Local Gadhera

Name of Bridge : 12.90 mtr span Udiyar Bridge

Nearest Town : Udiyar

Latitude (Northing) : 29.90198900

Longitude (Easting) : 79.93946700

Construction Year : 1980

Inventory Year : 2010

### Geometric

Overall length (in meter) : 12.90

Total No of Span : 1

Maximum Span (in meter) : 12.90

Span Arrangement : 1x12.90

No of Lane : 1.000

Overall Width (m) : 4.250

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) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 1101.500

OFL Ordinary Flood Level : 1100.750

LWL Low Water Level : 1100.000

Design Velocity (m/Sec) : 5.00

Design Discharge (Cumecs) : 75.00

Soffit Level at Centre : 1105.000

Road Level at Centre : 1106.000

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 0.0

Design Loading : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Cast-in-situ concrete

Bearing type : Not Provided

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 : Jagdish Papney

