

ID :759 30.00 mtr span Gadera Bridge _ _ _ _ _

on Chainage 3.900 of Bhayun Gadera Nargada 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) : 3.900

Road/ Segment Name : 531

Bridge Type : Motor Bridge High Level

Structure No : 4/1

Feature Intersected : Local Gadhera

Name of Bridge : 30.00 mtr span Gadera Bridge

Nearest Town : gadera

Latitude (Northing) : 29.92824700

Longitude (Easting) : 79.91216200

Construction Year : 2014

Inventory Year : 2014

Geometric

Overall length (in meter) : 30.00

Total No of Span : 1

Maximum Span (in meter) : 30.00

Span Arrangement : 1x30.00

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) : 1

Skew Angle (degree) : 1.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 1202.000

OFL Ordinary Flood Level : 1201.000

LWL Low Water Level : 1200.000

Design Velocity (m/Sec) : 5.00

Design Discharge (Cumecs) : 300.00

Soffit Level at Centre : 1204.500

Road Level at Centre : 1205.000

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 : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Steel rolled section

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Bouldery

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 : 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 : Er. Hemlta

