

ID :1879 Kajuli-kotfilwari Bridge \_ \_ \_ \_ \_

on Chainage 3.000 of Kajuli-Kotphulwari motor road

In District Bageshwar Under PD Bageshwar Division

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## Bridge Inventory Report

Division: PD Bageshwar

Data not-yet finalized

### General

Name of Division : 5

Revenue Block Name : 73

Chainage (at Mid Point) : 3.000

Road/ Segment Name : 664

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Gomati River

Name of Bridge : Kajuli-kotfilwari Bridge

Nearest Town : Kajuli

Latitude (Northing) : 29.92305600

Longitude (Easting) : 79.60000000

Construction Year : 2019

Inventory Year : 2020

### Geometric

Overall length (in meter) : 48.00

Total No of Span : 1

Maximum Span (in meter) : 48.00

Span Arrangement : 1/48.000

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) : 4.750

Gradient (%age) : 5

Skew Angle (degree) : 1.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 103.000

OFL Ordinary Flood Level : 101.000

LWL Low Water Level : 100.500

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre :

Road Level at Centre :

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 1.0

Design Loading : Class A

Load Rating : Class A

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 : Tubular steel

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Raft

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : RCC buttressed type

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : Plum protection work provided

Bank Protection Right Side of Up-stream : Plum 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 : Ravindra Krishna Jalal

