

ID :532 Radhakantpur \_ \_ \_ \_ \_

on Chainage 1.700 of Radhakantpur-Lakhipur Road

In District Udham Singh Nagar Under PD Rudrapur Division

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## Bridge Inventory Report

Division: PD Rudrapur

Data not-yet finalized

### General

Name of Division : 23

Revenue Block Name : 86

Chainage (at Mid Point) : 1.700

Road/ Segment Name : 4699

Bridge Type : Motor Bridge High Level

Structure No : 1/2

Feature Intersected : Aandhua River

Name of Bridge : Radhakantpur

Nearest Town : Radhakantpur

Latitude (Northing) : 29.06333333

Longitude (Easting) : 79.33722220

Construction Year : 1981

Inventory Year : 2021

### Geometric

Overall length (in meter) : 9.00

Total No of Span : 1

Maximum Span (in meter) : 10.20

Span Arrangement : 1\*9

No of Lane : 1.000

Overall Width (m) : 8.000

Carriageway Width (m) : 3.750

RS Footpath Width (m) : 1.500

LS Footpath Width (m) : 1.500

Approach Width i/c Shoulders (m) : 7.500

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level :

OFL Ordinary Flood Level :

LWL Low Water Level :

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 B

Load Rating : Class B

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Other

Expansion Joint Type : Reinforced Elastomeric Joint

Railing/Crash Barrier type : Pre-cast concrete

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Sandy

Abutment Foundation Type : Open

Pier Foundation Type : Open

No of Piers : 2

Abutment Type : RCC counterfort type

Pier Type : RCC Solid

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.Ajay Tamta

