

ID :701 RCC Slabe Bridge at Rudrapur Khamiya no.-04 Road Over Paha Nala \_ \_ \_ \_ \_

on Chainage 6.300 of Rudrapur Khamiya No-4 to Shantipuri

In District Udham Singh Nagar Under CD Khatima Division

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## Bridge Inventory Report

Division: CD Khatima

Data not-yet finalized

### General

Name of Division : 24

Revenue Block Name : 87

Chainage (at Mid Point) : 6.300

Road/ Segment Name : 6474

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Paha River

Name of Bridge : RCC Slabe Bridge at Rudrapur Khamiya no.-04 Road Over Paha Nala

Nearest Town : Sitarganj

Latitude (Northing) : 28.95000000

Longitude (Easting) : 79.53000000

Construction Year : 2012

Inventory Year : 2021

### Geometric

Overall length (in meter) : 30.00

Total No of Span : 2

Maximum Span (in meter) : 30.00

Span Arragment : 2\*15

No of Lane : 2.000

Overall Width (m) : 7.500

Carriageway Width (m) : 7.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approch Width i/c Shoulders (m) : 9.000

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 A

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Pre-cast concrete

Bearing type : POT PIN

Sub-Structure

Founding Strata : Sandy

Abutment Foundation Type : Well

Pier Foundation Type : Well

No of Piers : 2

Abutment Type : RCC Box type

Pier Type : RCC Solid

Protection Work

Bank Protection Left Side of Up-stream : protection work provided with Wire Creat

Bank Protection Right Side of Up-stream : protection work provided with Wire Creat

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. Satyapal Singh

