

ID :1105 BENI RIVIR BRIDGE \_ \_ \_ \_ \_

on Chainage 10.150 of Nagla Kichha state highway

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 : 87

Chainage (at Mid Point) : 10.150

Road/ Segment Name : 103

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : BENI RIVER

Name of Bridge : BENI RIVIR BRIDGE

Nearest Town : ANANDPUR

Latitude (Northing) : 28.97911770

Longitude (Easting) : 79.46678300

Construction Year :

Inventory Year : 2020

### Geometric

Overall length (in meter) : 12.50

Total No of Span : 1

Maximum Span (in meter) : 12.70

Span Arrangement : 1X12

No of Lane : 1.000

Overall Width (m) : 7.500

Carriageway Width (m) : 5.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

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 : 2500.000

OFL Ordinary Flood Level : 600.000

LWL Low Water Level : 400.000

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 : 0.0

Design Loading : NA  
Load Rating : Class B  
Super-Structure  
Superstructure Type : Arch  
Superstructure Material : Masonry  
Wearing Coat Type : Bituminous Concrete  
Expansion Joint Type : Other  
Railing/Crash Barrier type : other  
Bearing type : other  
Sub-Structure  
Founding Strata : Hard clayey  
Abutment Foundation Type : Raft  
Pier Foundation Type : Raft  
No of Piers : 0  
Abutment Type : other  
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 : Er. Kishor Kumar

