

ID :1107 Brar Bridge \_ \_ \_ \_ \_

on Chainage 980.000 of Nagla Lalpur 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 : 87

Chainage (at Mid Point) : 980.000

Road/ Segment Name : 4716

Bridge Type : Motor Bridge High Level

Structure No : 1/3

Feature Intersected : Brar River

Name of Bridge : Brar Bridge

Nearest Town : Aanandpur

Latitude (Northing) : 28.96591100

Longitude (Easting) : 79.46807800

Construction Year : 1990

Inventory Year : 2021

### Geometric

Overall length (in meter) : 11.10

Total No of Span : 3

Maximum Span (in meter) : 11.10

Span Arrangement : 3\*3.7

No of Lane : 2.000

Overall Width (m) : 8.000

Carriageway Width (m) : 5.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 5.500

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

### Design Data

HFL Highest Flood Level : 118.000

OFL Ordinary Flood Level : 108.000

LWL Low Water Level : 102.000

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre :

Road Level at Centre : 120.000

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 0.0

Design Loading : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : Solid slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Not Provided

Bearing type : Not Provided

Sub-Structure

Founding Strata : Soft clayey

Abutment Foundation Type : other

Pier Foundation Type : other

No of Piers : 2

Abutment Type : RCC buttressed 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. Sachin Kumar

