

ID :488 baur bridge \_ \_ \_ \_ \_

on Chainage 8.850 of Sardarnagar Bajpur Keshowala Bannakhera Bailpadav Kotabag Kaladungi 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 : 85

Chainage (at Mid Point) : 8.850

Road/ Segment Name : 91

Bridge Type : Motor Bridge High Level

Structure No : 8/2

Feature Intersected : baur river

Name of Bridge : baur bridge

Nearest Town : Baria

Latitude (Northing) : 29.12805500

Longitude (Easting) : 79.24575600

Construction Year : 1982

Inventory Year : 2021

### Geometric

Overall length (in meter) : 75.00

Total No of Span : 3

Maximum Span (in meter) : 75.00

Span Arrangement : 1x25M+1X25M+1X25M

No of Lane : 1.500

Overall Width (m) : 7.500

Carriageway Width (m) : 5.500

RS Footpath Width (m) : 1.000

LS Footpath Width (m) : 1.000

Approach 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 B

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Pre-stressed concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Filler

Railing/Crash Barrier type : Steel rolled section

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Hard clayey

Abutment Foundation Type : Well

Pier Foundation Type : Well

No of Piers : 2

Abutment Type : RCC spill through type

Pier Type : RCC Solid

Protection Work

Bank Protection Left Side of Up-stream : stone wall

Bank Protection Right Side of Up-stream : Stone Wall

Bank Protection Left Side of Down-stream : stone wall

Bank Protection Right Side of Down-stream : stone wall

Floor Protection on Up-stream : Bouldre Pitching

Floor Protection on Down-stream : Bouldre Pitching

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE : Er. B. N. Pandey

