

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

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

Maximuam Span (in meter) : 75.00

Span Arragment : 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

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 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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/A AE : Er. B. N. Pandey

