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
Work Code(s) : --
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
Expension 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/AAE : Er. B. N. Pandey