ID :791 Baraur Bridge __ __ __ __ __

on Chainage 5.220 of Kichha Darau motor road

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 : 87
Chainage (at Mid Point) : 5.220
Road/ Segment Name : 216
Bridge Type : Motor Bridge High Level
Structure No : 6/1
Feature Intersected : Baraur River
Name of Bridge : Baraur Bridge
Nearest Town : Kuraiya
Latitude (Northing) : 28.88597300
Longitude (Easting) : 79.45915900
Construction Year : 1982
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 36.00
Total No of Span : 4
Maximuam Span (in meter) : 9.00
Span Arragment : 4*9
No of Lane : 2.000
Overall Width (m) : 7.000
Carriageway Width (m) : 7.000
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 7.000
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 : Solid slab
Superstructure Material : Reinforced concrete
Wearing Coat Type : Not Provided
Expension Joint Type : Other
Railing/Crash Barrier type : other
Bearing type : Not Provided
Sub-Structure
Founding Strata : Sandy
Abutment Foundation Type : Open
Pier Foundation Type : Well
No of Piers : 3
Abutment Type : RCC buttressed type
Pier Type : RCC Solid
Protection Work
Bank Protection Left Side of Up-stream : Stone Pitching
Bank Protection Right Side of Up-stream : Stone Pitching
Bank Protection Left Side of Down-stream : Stone Pitching
Bank Protection Right Side of Down-stream : Stone Pitching
Floor Protection on Up-stream : no protection work provided
Floor Protection on Down-stream : no protection work provided
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Govind Singh JE(T)