ID :1107 Brar Bridge __ __ __ __ __

on Chainage 980.000 of Nagla Lalpur 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) : 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
Work Code(s) : --
Geometric
Overall length (in meter) : 11.10
Total No of Span : 3
Maximuam Span (in meter) : 11.10
Span Arragment : 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
Approch 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
Expension 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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Er. Sachin Kumar