ID :1732 Beni Bridge __ __ __ __ __

on Chainage 3.650 of road unknown

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) : 3.650
Road/ Segment Name :
Bridge Type : Motor Bridge High Level
Structure No : 3/3
Feature Intersected : Beni River
Name of Bridge : Beni Bridge
Nearest Town : Nagla
Latitude (Northing) : 29.02498611
Longitude (Easting) : 79.47820278
Construction Year : 1970
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 16.50
Total No of Span : 1
Maximuam Span (in meter) : 16.50
Span Arragment : 1*16.5
No of Lane : 1.000
Overall Width (m) : 5.500
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 : 115.000
OFL Ordinary Flood Level : 108.000
LWL Low Water Level : 103.000
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 : 0.0
Design Loading : Class B
Load Rating : Class B
Super-Structure
Superstructure Type : T-beam and slab
Superstructure Material : Reinforced concrete
Wearing Coat Type : Cement Concrete
Expension Joint Type : Other
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : other
Sub-Structure
Founding Strata : Sandy
Abutment Foundation Type : Open
Pier Foundation Type : Well
No of Piers : 0
Abutment Type : RCC Box 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 :