ID :532 Radhakantpur __ __ __ __ __

on Chainage 1.700 of Radhakantpur-Lakhipur 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 : 86
Chainage (at Mid Point) : 1.700
Road/ Segment Name : 4699
Bridge Type : Motor Bridge High Level
Structure No : 1/2
Feature Intersected : Aandhua River
Name of Bridge : Radhakantpur
Nearest Town : Radhakantpur
Latitude (Northing) : 29.06333333
Longitude (Easting) : 79.33722220
Construction Year : 1981
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 10.20
Total No of Span : 1
Maximuam Span (in meter) : 10.20
Span Arragment : 1*9
No of Lane : 1.000
Overall Width (m) : 8.000
Carriageway Width (m) : 3.750
RS Footpath Width (m) : 1.500
LS Footpath Width (m) : 1.500
Approch Width i/c Shoulders (m) : 7.500
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 : Reinforced concrete
Wearing Coat Type : Other
Expension Joint Type : Reinforced Elastomeric Joint
Railing/Crash Barrier type : Pre-cast concrete
Bearing type : Elastomeric
Sub-Structure
Founding Strata : Sandy
Abutment Foundation Type : Open
Pier Foundation Type : Open
No of Piers : 2
Abutment Type : RCC counterfort 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 :