ID :454 Bridge on Lewda river at Bajpur-village panchayt pahadpur near Butasingh- Jagtarsingh house

on Chainage 1.000 of Namuna to paharpur road

In District Udham Singh Nagar Under CD Kashipur Division

Bridge Inventory Report

Division: CD Kashipur

Data not-yet finalized

General
Name of Division : 25
Revenue Block Name : 85
Chainage (at Mid Point) : 1.000
Road/ Segment Name : 4593
Bridge Type : Motor Bridge High Level
Structure No : 1/1
Feature Intersected : LEWARA
Name of Bridge : Bridge on Lewda river at Bajpur-village panchayt pahadpur near Butasingh- Jagtarsingh house
Nearest Town : Bajpur
Latitude (Northing) : 29.11000000
Longitude (Easting) : 79.10000000
Construction Year : 2014
Inventory Year : 2020
Work Code(s) : --
Geometric
Overall length (in meter) : 30.00
Total No of Span : 1
Maximuam Span (in meter) : 30.00
Span Arragment : 1x30
No of Lane : 2.000
Overall Width (m) : 7.500
Carriageway Width (m) : 7.500
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
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 A
Load Rating : Class A
Super-Structure
Superstructure Type : T-beam and slab
Superstructure Material : Reinforced concrete
Wearing Coat Type : Cement Concrete
Expension Joint Type : Asphaltic Plug Joint
Railing/Crash Barrier type : Cast-in-situ concrete
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 buttressed type
Pier Type : RCC Solid
Protection Work
Bank Protection Left Side of Up-stream : Plum concrete Blocks
Bank Protection Right Side of Up-stream : Plum concrete Blocks
Bank Protection Left Side of Down-stream : Plum concrete Blocks
Bank Protection Right Side of Down-stream : PL
Floor Protection on Up-stream : Plum concrete Blocks
Floor Protection on Down-stream : no protection work provided
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Jagjeewan Singh