

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

Geometric

Overall length (in meter) : 30.00

Total No of Span : 1

Maximum Span (in meter) : 30.00

Span Arrangement : 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

Approach 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

Expansion 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

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AEE : Jagjeewan Singh

