

ID :456 Lewara \_ \_ \_ \_ \_

on Chainage 57.600 of Nainital Kaladhungi Bajpur Doraha state highway

In District Udham Singh Nagar Under CD Kashipur Division

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## Bridge Inventory Report

Division: CD Kashipur

Data not-yet finalized

### General

Name of Division : 25

Revenue Block Name : 85

Chainage (at Mid Point) : 57.600

Road/ Segment Name : 72

Bridge Type : Motor Bridge High Level

Structure No : 1/4

Feature Intersected : Lewara River

Name of Bridge : Lewara

Nearest Town : Bazpur

Latitude (Northing) : 29.09000000

Longitude (Easting) : 79.09000000

Construction Year : 2016

Inventory Year : 2020

### Geometric

Overall length (in meter) : 21.00

Total No of Span : 2

Maximum Span (in meter) : 21.00

Span Arrangement : 2\*10.5

No of Lane : 4.000

Overall Width (m) : 18.000

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 1.500

LS Footpath Width (m) : 1.500

Approach Width i/c Shoulders (m) : 18.000

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 : Modular Strip/Box Seal Joints

Railing/Crash Barrier type : Cast-in-situ concrete

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Hard clayey

Abutment Foundation Type : Raft

Pier Foundation Type : Raft

No of Piers : 3

Abutment Type : RCC Box 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 : Plum concrete Blocks

Floor Protection on Up-stream : no protection work provided

Floor Protection on Down-stream : no protection work provided

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

final

Name of JE/AAE : Rajesh Paintola

