

ID :456 Lewara _ _ _ _ _

on Chainage 57.600 of Nainital Kaladhungi Bajpur Doraha state highway

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) : 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

