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
Work Code(s) : --
Geometric
Overall length (in meter) : 21.00
Total No of Span : 2
Maximuam Span (in meter) : 21.00
Span Arragment : 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
Approch 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
Expension 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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Rajesh Paintola