

ID :64 Kufulta Bridge _ _ _ _ _

on Chainage 13.767 of Nauna Vyasi Siltona Budhlakot Kafulda motor road

In District Nainital Under CD Nainital Division

Bridge Inventory Report

Division: CD Nainital

Data not-yet finalized

General

Name of Division : 10

Revenue Block Name : 75

Chainage (at Mid Point) : 13.767

Road/ Segment Name : 2685

Bridge Type : Motor Bridge High Level

Structure No : 14/8

Feature Intersected : local Gadhera

Name of Bridge : Kufulta Bridge

Nearest Town : Betalghat

Latitude (Northing) : 29.45448100

Longitude (Easting) : 79.45960300

Construction Year : 2020

Inventory Year : 2020

Geometric

Overall length (in meter) : 6.00

Total No of Span : 1

Maximum Span (in meter) : 6.00

Span Arrangement : 1x6

No of Lane : 1.000

Overall Width (m) : 4.850

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 5.950

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 B

Load Rating : Class B

Super-Structure

Superstructure Type : Solid slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Not Provided

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

Bearing type : Not Provided

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : other

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : Retaining wall in RR 1:6 masonry, Length 11.00M

Bank Protection Right Side of Up-stream : Retaining wall in RR 1:6 masonry, Length 11.00M

Bank Protection Left Side of Down-stream : Plumb concrete Blocks in 9.00m length

Bank Protection Right Side of Down-stream : Plumb concrete Blocks in 9.00m length

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 : VIJAY SINGH BISHT

