

ID :3498 Kafali _ _ _ _ _

on Chainage 92.500 of Khutani Bhawali Dhanachuli Patlot Meenar Reethasahib Dhunaghat Champawat
Manch Tamli state highway

In District Nanital Under TD Bhawali Division

Bridge Inventory Report

Division: TD Bhawali

Data not-yet finalized

General

Name of Division : 12

Revenue Block Name : 80

Chainage (at Mid Point) : 92.500

Road/ Segment Name : 59

Bridge Type : Motor Bridge High Level

Structure No : 92./1

Feature Intersected : Kafali

Name of Bridge : Kafali

Nearest Town : Jhargaon

Latitude (Northing) : 29.26244900

Longitude (Easting) : 79.79150300

Construction Year : 1984

Inventory Year : 2024

Geometric

Overall length (in meter) : 18.00

Total No of Span : 1

Maximum Span (in meter) : 18.00

Span Arrangement : 1x18m

No of Lane : 2.000

Overall Width (m) : 8.500

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) : 5

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level : 1509.980

OFL Ordinary Flood Level : 1509.480

LWL Low Water Level : 1408.900

Design Velocity (m/Sec) : 0.00

Design Discharge (Cumecs) : 0.00

Soffit Level at Centre : 1516.125

Road Level at Centre : 1518.000

Design Scour Level at Pier : 0.000

Design Scour Level at Abutments : 0.000

Exposure Condition : Moderate

Seismic Importance factor : 1.2

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 : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Raft

Pier Foundation Type : other

No of Piers : 0

Abutment Type : RCC counterfort type

Pier Type : other

Protection Work

Bank Protection Left Side of Up-stream : no protection work provided

Bank Protection Right Side of Up-stream : no protection work provided

Bank Protection Left Side of Down-stream : no protection work provided

Bank Protection Right Side of Down-stream : no protection work provided

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/AEE : Er. Kamal Sha

