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
Work Code(s) : --
Geometric
Overall length (in meter) : 18.00
Total No of Span : 1
Maximuam Span (in meter) : 18.00
Span Arragment : 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
Approch 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
Expension 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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Er. Kamal Sha

