ID :3377 Dausni __ __ __ __ __

on Chainage 12.150 of road unknown

In District Haridwar Under CD Laksar Division

Bridge Inventory Report

Division: CD Laksar

Data not-yet finalized

General
Name of Division : 129
Revenue Block Name : 94
Chainage (at Mid Point) : 12.150
Road/ Segment Name :
Bridge Type : Road Over Bridge
Structure No : 255.400/10
Feature Intersected : Roorkee-Laksar road
Name of Bridge : Dausni
Nearest Town : Laksar
Latitude (Northing) : 29.77811944
Longitude (Easting) : 77.98763333
Construction Year : 2018
Inventory Year : 2023
Work Code(s) : --
Geometric
Overall length (in meter) : 255.40
Total No of Span : 10
Maximuam Span (in meter) : 37.30
Span Arragment :
1x25.40+1x26.40+1x17.30+1x37.30+1x19.40+1x29.70+1x25.00+1x24.90+1x24.50+1x25.50
No of Lane : 2.000
Overall Width (m) : 12.000
Carriageway Width (m) : 7.000
RS Footpath Width (m) : 1.500
LS Footpath Width (m) : 1.500
Approch Width i/c Shoulders (m) : 12.000
Gradient (%age) : 3
Skew Angle (degree) : 30.00
Radius of Curve in Plan (if Any) : 0.00
Design Data
HFL Highest Flood Level : 101.500
OFL Ordinary Flood Level : 100.000
LWL Low Water Level : 100.000
Design Velocity (m/Sec) : 0.00
Design Discharge (Cumecs) : 0.00
Soffit Level at Centre : 105.500
Road Level at Centre : 105.500
Design Scour Level at Pier : 0.000
Design Scour Level at Abutments : 0.000

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 : Bituminous Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Pre-cast concrete
Bearing type : Roller & Rocker
Sub-Structure
Founding Strata : Hard clayey
Abutment Foundation Type : Pile
Pier Foundation Type : Pile
No of Piers : 8
Abutment Type : RCC buttressed type
Pier Type : RCC Solid
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 : Yogendra Singh

