

ID :3377 Dausni _ _ _ _ _

on Chainage 12.150 of road unknown

In District Haridwar Under NH Dehradun Division

Bridge Inventory Report

Division: NH Dehradun

Data not-yet finalized

General

Name of Division : 60

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) : 29.77801600

Longitude (Easting) : 77.98605900

Construction Year : 2018

Inventory Year : 2023

Geometric

Overall length (in meter) : 255.40

Total No of Span : 10

Maximum Span (in meter) : 37.30

Span Arrangement :

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

Approach 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

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Pre-cast concrete

Bearing type : POT PIN

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

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE :

