ID :2404 12 m Span Box culvert at Balawali over Dakshin nalla Bridge __ __ __ __ __

on Chainage 1.150 of Roorkee Laksar Balawali road to Balawali link road

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 : 95
Chainage (at Mid Point) : 1.150
Road/ Segment Name : 2565
Bridge Type : Motor Bridge High Level
Structure No : 2/1
Feature Intersected : Dakshin mein Nala
Name of Bridge : 12 m Span Box culvert at Balawali over Dakshin nalla Bridge
Nearest Town : Raisi
Latitude (Northing) : 29.66123056
Longitude (Easting) : 78.07422222
Construction Year : 2019
Inventory Year : 2022
Work Code(s) : --
Geometric
Overall length (in meter) : 12.00
Total No of Span : 1
Maximuam Span (in meter) : 12.00
Span Arragment : 4x3
No of Lane : 1.000
Overall Width (m) : 7.500
Carriageway Width (m) : 7.000
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 8.500
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 A
Load Rating : Class A
Super-Structure
Superstructure Type : Solid slab
Superstructure Material : Reinforced concrete
Wearing Coat Type : Cement Concrete
Expension Joint Type : Not Provided
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : Not Provided
Sub-Structure
Founding Strata : Sandy
Abutment Foundation Type : Raft
Pier Foundation Type : Raft
No of Piers : 0
Abutment Type : RCC counterfort 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 : yes protection work provided
Floor Protection on Up-stream : yes protection work provided
Floor Protection on Down-stream : yes protection work provided
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE : Alok Kumar