

ID :2191 Irrigation Canal Ambari \_ \_ \_ \_ \_

on Chainage 12.000 of Starting from its junction with NH - 72 connecting Vikasnager Kalsi Barkot and terminating at junction with NH- 94 near Barkot bend national highway

In District Dehradun Under NH Dehradun Division

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## Bridge Inventory Report

Division: NH Dehradun

Data not-yet finalized

### General

Name of Division : 60

Revenue Block Name : 30

Chainage (at Mid Point) : 12.000

Road/ Segment Name : 9

Bridge Type : Motor Bridge High Level

Structure No : 1

Feature Intersected : irrigation canal

Name of Bridge : Irrigation Canal Ambari

Nearest Town : vikasnagaaar

Latitude (Northing) : 30.50517100

Longitude (Easting) : 77.82578400

Construction Year : 1960

Inventory Year : 2022

### Geometric

Overall length (in meter) : 9.00

Total No of Span : 1

Maximum Span (in meter) : 6.00

Span Arragment : 1

No of Lane : 2.000

Overall Width (m) : 13.500

Carriageway Width (m) : 13.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approch Width i/c Shoulders (m) : 12.000

Gradient (%age) : 5

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 : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Cast-in-situ concrete

Bearing type : Not Provided

Sub-Structure

Founding Strata : Hard clayey

Abutment Foundation Type : Open

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : Stone Masonry

Pier Type : NA

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 :

