

ID :2711 Masak bridge \_ \_ \_ \_ \_

on Chainage 57.350 of Tuyuni Chakrata Mussoorie Chamba New Tehri Maletha national highway

In District Dehradun Under NH Doiwala Division

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## Bridge Inventory Report

Division: NH Doiwala

Data not-yet finalized

### General

Name of Division : 132

Revenue Block Name : 28

Chainage (at Mid Point) : 57.350

Road/ Segment Name : 19

Bridge Type : Motor Bridge High Level

Structure No : 1/58

Feature Intersected : Local nala

Name of Bridge : Masak bridge

Nearest Town : Masak

Latitude (Northing) : 30.77188716

Longitude (Easting) : 77.82195009

Construction Year : 1965

Inventory Year : 2022

### Geometric

Overall length (in meter) : 12.00

Total No of Span : 1

Maximum Span (in meter) : 12.00

Span Arrangement : 1x12

No of Lane : 1.000

Overall Width (m) : 4.800

Carriageway Width (m) : 4.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 4.800

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 B

Load Rating : Class B

Super-Structure

Superstructure Type : Truss

Superstructure Material : Reinforced concrete

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Other

Railing/Crash Barrier type : Steel rolled section

Bearing type : other

Sub-Structure

Founding Strata : Rocky

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 : Braham Dutt Dobhal

