

ID :157 SAUDI SERA BRIDGE \_ \_ \_ \_ \_

on Chainage 23.587 of Rudraprayag Gorikund National Highway

In District Rudraprayag Under NH Rudraprayag Division

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Bridge Inventory Report

Division: NH Rudraprayag

Data not-yet finalized

#### General

Name of Division : 131

Revenue Block Name : 17

Chainage (at Mid Point) : 23.587

Road/ Segment Name : 8

Bridge Type : Motor Bridge High Level

Structure No : 7

Feature Intersected : SAUDI NALA

Name of Bridge : SAUDI SERA BRIDGE

Nearest Town : AGYSTYAMUNI

Latitude (Northing) : 30.40881500

Longitude (Easting) : 79.05352100

Construction Year : 2022

Inventory Year : 2024

#### Geometric

Overall length (in meter) : 30.00

Total No of Span : 1

Maximum Span (in meter) : 30.00

Span Arrangement : 1\*30

No of Lane : 2.000

Overall Width (m) : 14.700

Carriageway Width (m) : 10.500

RS Footpath Width (m) : 1.350

LS Footpath Width (m) : 1.400

Approach Width i/c Shoulders (m) : 14.100

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 : 0.0

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 : Cast-in-situ concrete

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : RCC buttressed type

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 : Er Pushkar Pal Singh Bisht

