

ID :1039 Sukhi Nadi Bridge \_ \_ \_ \_ \_

on Chainage 0.000 of Old Delhi Niti Pass state highway

In District Haridwar Under PD Haridwar Division

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## Bridge Inventory Report

Division: PD Haridwar

Data not-yet finalized

### General

Name of Division : 55

Revenue Block Name : 93

Chainage (at Mid Point) : 0.000

Road/ Segment Name : 75

Bridge Type : Motor Bridge High Level

Structure No : 2

Feature Intersected : Sukhi Nadi

Name of Bridge : Sukhi Nadi Bridge

Nearest Town : haridwar

Latitude (Northing) : 29.97068510

Longitude (Easting) : 78.17445260

Construction Year : 2021

Inventory Year : 2021

### Geometric

Overall length (in meter) : 44.00

Total No of Span : 1

Maximum Span (in meter) : 44.00

Span Arrangement : 1\*44

No of Lane : 2.000

Overall Width (m) : 12.500

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 1.500

LS Footpath Width (m) : 1.500

Approach Width i/c Shoulders (m) : 7.000

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 : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

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

Bearing type : Spherical and Cylindrical

Sub-Structure

Founding Strata : Sandy

Abutment Foundation Type : Open

Pier Foundation Type : Open

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 : 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 : Rajesh Kumar

