

ID :2305 15.0 M bridge SIDCUL 4 Lane \_\_\_\_\_

on Chainage 0.035 of NH-58 to SIDCUL 4 Lane road

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) : 0.035

Road/ Segment Name : 2015

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Distributary

Name of Bridge : 15.0 M bridge SIDCUL 4 Lane

Nearest Town : Bahadrabad

Latitude (Northing) : 29.92150000

Longitude (Easting) : 78.04780556

Construction Year : 2007

Inventory Year : 2022

### Geometric

Overall length (in meter) : 15.00

Total No of Span : 1

Maximum Span (in meter) : 15.00

Span Arrangement : 15x1

No of Lane : 2.000

Overall Width (m) : 9.000

Carriageway Width (m) : 9.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 9.000

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 : Bituminous Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : other

Bearing type : POT PIN

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Pile

Pier Foundation Type : Pile

No of Piers : 2

Abutment Type : RCC buttressed 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 : Rajkumar

