

ID :2962 Simbal Srot 27.60 M Bridge _ _ _ _ _

on Chainage 4.000 of Dehradun-Muradabad road to Sajanpur Pili road

In District Haridwar Under PD Haridwar Division

Bridge Inventory Report

Division: PD Haridwar

Data not-yet finalized

General

Name of Division : 55

Revenue Block Name : 93

Chainage (at Mid Point) : 4.000

Road/ Segment Name : 2111

Bridge Type : Motor Bridge High Level

Structure No : 2/1

Feature Intersected : Simbal Srot

Name of Bridge : Simbal Srot 27.60 M Bridge

Nearest Town : Gajiwali

Latitude (Northing) : 29.86555556

Longitude (Easting) : 78.18083333

Construction Year : 2010

Inventory Year : 2022

Geometric

Overall length (in meter) : 27.60

Total No of Span : 5

Maximum Span (in meter) : 27.60

Span Arrangement : 5x5

No of Lane : 1.500

Overall Width (m) : 7.500

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 7.500

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 : Single/Multi-cell Box

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 : Not Provided

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Raft

Pier Foundation Type : Raft

No of Piers : 5

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 : Rajesh Kumar

