

ID :2963 Mundal Srot 38.0 M Bridge \_ \_ \_ \_ \_

on Chainage 3.000 of Dehradun-Muradabad road to Sajanpur Pili 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) : 3.000

Road/ Segment Name : 2111

Bridge Type : Motor Bridge High Level

Structure No : 2/1

Feature Intersected : Mundal Srot

Name of Bridge : Mundal Srot 38.0 M Bridge

Nearest Town : Gajiwali

Latitude (Northing) : 29.87638889

Longitude (Easting) : 78.17805556

Construction Year : 2020

Inventory Year : 2022

### Geometric

Overall length (in meter) : 38.00

Total No of Span : 8

Maximum Span (in meter) : 38.00

Span Arrangement : 6x5+2x3

No of Lane : 1.500

Overall Width (m) : 8.100

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

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 : 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 : 6

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

