

ID :2365 53.0 M Box cell \_\_\_\_\_

on Chainage 0.800 of Brick khandja road from the farm of Chaudhary Vedpal on Biharigarh road to bank of Solani river in the village Ganja Majra

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 : 90

Chainage (at Mid Point) : 0.800

Road/ Segment Name : 2058

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Rajwaha nadi

Name of Bridge : 53.0 M Box cell

Nearest Town : Ganja

Latitude (Northing) : 30.08856960

Longitude (Easting) : 77.83366430

Construction Year : 2019

Inventory Year : 2022

### Geometric

Overall length (in meter) : 53.00

Total No of Span : 1

Maximum Span (in meter) : 53.00

Span Arrangement : 4.41x12

No of Lane : 2.000

Overall Width (m) : 7.950

Carriageway Width (m) : 8.400

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 : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Well

No of Piers : 0

Abutment Type : Stone Masonry

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 : Arvind Rawat

