

ID :1052 Banjawala Bridge 340M _ _ _ _ _

on Chainage 1.200 of Motor Road from Water Tank to Delhi Farm House in Mangolpura

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) : 1.200

Road/ Segment Name : 2059

Bridge Type : Motor Bridge High Level

Structure No : 1/2

Feature Intersected : Mohondroh River

Name of Bridge : Banjawala Bridge 340M

Nearest Town : Biharigarh (UP)

Latitude (Northing) : 30.10538100

Longitude (Easting) : 77.86344400

Construction Year : 2011

Inventory Year : 2021

Geometric

Overall length (in meter) : 340.00

Total No of Span : 13

Maximum Span (in meter) : 24.11

Span Arrangement : 2x25.8 +11x26.11

No of Lane : 1.500

Overall Width (m) : 6.700

Carriageway Width (m) : 5.700

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 7.500

Gradient (%age) : 3

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 : Pre-stressed concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

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

Bearing type : Elastomeric

Sub-Structure

Founding Strata : Hard clayey

Abutment Foundation Type : Well

Pier Foundation Type : Well

No of Piers : 11

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 : Arvind Rawat

