ID :1052 Banjawala Bridge 340M __ __ __ __ __

on Chainage 29.000 of Bhalswagaaj Chudiyala Bhagwanpur Sikhroda Banjarewala Telpura Kheri Shikohpur motor 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 : 90
Chainage (at Mid Point) : 29.000
Road/ Segment Name : 142
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
Work Code(s) : --
Geometric
Overall length (in meter) : 340.00
Total No of Span : 13
Maximuam Span (in meter) : 24.11
Span Arragment : 2x25.8 +11x26.11
No of Lane : 1.500
Overall Width (m) : 5.700
Carriageway Width (m) : 5.700
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch 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
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : POT PIN
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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE :

