

ID :2275 Prestressed concrete bridge over Andheri row _____
on Chainage 22.850 of Roshanabad Kudkawala Biharigarh state highway
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) : 22.850
Road/ Segment Name : 88
Bridge Type : Motor Bridge High Level
Structure No : 1
Feature Intersected : Andhiri row
Name of Bridge : Prestressed concrete bridge over Andheri row
Nearest Town : Buggawala
Latitude (Northing) : 30.07350400
Longitude (Easting) : 77.91376000
Construction Year : 2019
Inventory Year : 2022

Geometric

Overall length (in meter) : 391.00
Total No of Span : 16
Maximum Span (in meter) : 24.50
Span Arragment : 16X24.50
No of Lane : 3.000
Overall Width (m) : 14.600
Carriageway Width (m) : 11.000
RS Footpath Width (m) : 1.200
LS Footpath Width (m) : 1.200
Approch Width i/c Shoulders (m) : 13.000
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 :

