ID :1364 Steel Girder Bowstring Pt. Deen Dayal Upadhyaya bridge __ __ __ __ __

on Chainage 0.035 of road unknown

In District Haridwar Under CD Roorkee Division

Bridge Inventory Report

Division: CD Roorkee

Data not-yet finalized

General
Name of Division : 59
Revenue Block Name : 91
Chainage (at Mid Point) : 0.035
Road/ Segment Name :
Bridge Type : Motor Bridge High Level
Structure No : 21
Feature Intersected : Upper Ganga Canal Roorkee City
Name of Bridge : Steel Girder Bowstring Pt. Deen Dayal Upadhyaya bridge
Nearest Town : Roorkee
Latitude (Northing) : 29.87401200
Longitude (Easting) : 77.88909800
Construction Year : 2018
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 70.00
Total No of Span : 1
Maximuam Span (in meter) : 70.00
Span Arragment : 1*70
No of Lane : 1.500
Overall Width (m) : 5.500
Carriageway Width (m) : 5.500
RS Footpath Width (m) : 1.000
LS Footpath Width (m) : 1.000
Approch Width i/c Shoulders (m) : 7.500
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 : Arch
Superstructure Material : Steel
Wearing Coat Type : Mastic asphalt
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Tubular steel
Bearing type : Not Provided
Sub-Structure
Founding Strata : Soft clayey
Abutment Foundation Type : Pile
Pier Foundation Type : Pile
No of Piers : 0
Abutment Type : other
Pier Type : NA
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 :