ID :1362  Prestressed Concrete Bridge at Solani River  __ __ __ __ __

on Chainage 21.280 of Bahadrabad Dhanori Imlikheda Bhagwanpur Gagal Haidi state highway

In District Haridwar Under CD Roorkee Division

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Bridge Inventory Report

Division: CD Roorkee

Data not-yet finalized

General
Name of Division : 59
Revenue Block Name : 90
Chainage (at Mid Point) : 21.280
Road/ Segment Name : 25
Bridge Type : Motor Bridge High Level
Structure No : 20
Feature Intersected : Solani River
Name of Bridge : Prestressed Concrete Bridge at Solani River
Nearest Town : Bhagwanpur
Latitude (Northing) : 29.93724800
Longitude (Easting) : 77.83080200
Construction Year : 2002
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 160.00
Total No of Span : 4
Maximuam Span (in meter) : 40.00
Span Arragment : 4*40
No of Lane : 2.000
Overall Width (m) : 8.500
Carriageway Width (m) : 7.500
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 10.500
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 AA
Load Rating : Class AA
Super-Structure
Superstructure Type : T-beam and slab
Superstructure Material : Reinforced concrete
Wearing Coat Type : Cement Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Tubular steel
Bearing type : POT PIN
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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE :

