ID :684 Prestressed Concrete Bridge at Dhanauri __ __ __ __ __

on Chainage 8.800 of Bahadrabad Dhanori Imlikheda Bhagwanpur Gagal Haidi state highway

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 : 90
Chainage (at Mid Point) : 8.800
Road/ Segment Name : 25
Bridge Type : Motor Bridge High Level
Structure No : 2
Feature Intersected : Ganga Canal
Name of Bridge : Prestressed Concrete Bridge at Dhanauri
Nearest Town : Dhanauri
Latitude (Northing) : 29.93275000
Longitude (Easting) : 77.88492000
Construction Year : 2020
Inventory Year : 2020
Work Code(s) : --
Geometric
Overall length (in meter) : 85.00
Total No of Span : 3
Maximuam Span (in meter) : 28.33
Span Arragment : 1x28.33+ 1x28.33+1x28.33
No of Lane : 2.000
Overall Width (m) : 12.000
Carriageway Width (m) : 7.500
RS Footpath Width (m) : 1.750
LS Footpath Width (m) : 1.750
Approch Width i/c Shoulders (m) : 12.000
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 : Filler
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : other
Sub-Structure
Founding Strata : Soft clayey
Abutment Foundation Type : Well
Pier Foundation Type : Well
No of Piers : 2
Abutment Type : other
Pier Type : other
Protection Work
Bank Protection Left Side of Up-stream : protection work provided
Bank Protection Right Side of Up-stream : 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 :

