ID :682 Pre-Stressed Concrete Bridge at Kaliyar Dargha Sarif __ __ __ __ __

on Chainage 5.600 of Roorkee Kaliar Dhanauri Canal motor road

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) : 5.600
Road/ Segment Name : 141
Bridge Type : Motor Bridge High Level
Structure No : 1
Feature Intersected : Ganga Canal
Name of Bridge : Pre-Stressed Concrete Bridge at Kaliyar Dargha Sarif
Nearest Town : Piran Kaliyer
Latitude (Northing) : 29.92310000
Longitude (Easting) : 77.93594000
Construction Year : 2018
Inventory Year : 2021
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) : 7.500
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) : 30.00
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
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 :