ID :3118 Guthai Bridge __ __ __ __ __

on Chainage 5.030 of Kirtinagar Badiyar Dhaurangi Saurakhal motor road

In District Tehri Under TD Kirtinagar Division

Bridge Inventory Report

Division: TD Kirtinagar

Data not-yet finalized

General
Name of Division : 47
Revenue Block Name : 22
Chainage (at Mid Point) : 5.030
Road/ Segment Name : 192
Bridge Type : Motor Bridge High Level
Structure No : 0
Feature Intersected : Guthai Gadhera
Name of Bridge : Guthai Bridge
Nearest Town : Kirtinagar
Latitude (Northing) : 30.23084200
Longitude (Easting) : 78.78647000
Construction Year : 2016
Inventory Year : 2018
Work Code(s) : --
Geometric
Overall length (in meter) : 9.00
Total No of Span : 1
Maximuam Span (in meter) : 8.50
Span Arragment : 1x8.50
No of Lane : 1.000
Overall Width (m) : 5.000
Carriageway Width (m) : 4.500
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 6.000
Gradient (%age) : 0
Skew Angle (degree) : 0.00
Radius of Curve in Plan (if Any) : 0.00
Design Data
HFL Highest Flood Level : 1500.000
OFL Ordinary Flood Level : 1200.000
LWL Low Water Level : 1000.000
Design Velocity (m/Sec) : 0.00
Design Discharge (Cumecs) : 0.00
Soffit Level at Centre : 7.000
Road Level at Centre : 7.000
Design Scour Level at Pier : 0.000
Design Scour Level at Abutments : 0.000
Exposure Condition : Moderate

Seismic Importance factor : 1.0
Design Loading : Class B
Load Rating : Class B
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 : Cast-in-situ concrete
Bearing type : Elastomeric
Sub-Structure
Founding Strata : Hard clayey
Abutment Foundation Type : Raft
Pier Foundation Type : other
No of Piers : 0
Abutment Type : Stone Masonry
Pier Type : other
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 : Alka Rani

