ID :1619 Takoli Bagdwaldhar Motor road Bridge at Km 1.00 __ __ __ __ __

on Chainage 0.275 of Takoli to Bagdwaldhar 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) : 0.275
Road/ Segment Name : 4161
Bridge Type : Motor Bridge High Level
Structure No : 1/1
Feature Intersected : Chandrabhaga Gadera
Name of Bridge : Takoli Bagdwaldhar Motor road Bridge at Km 1.00
Nearest Town : Duggada
Latitude (Northing) : 30.29614170
Longitude (Easting) : 78.69126670
Construction Year : 2017
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 18.00
Total No of Span : 1
Maximuam Span (in meter) : 18.00
Span Arragment : 1x18 m
No of Lane : 1.000
Overall Width (m) : 4.750
Carriageway Width (m) : 4.250
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 6.550
Gradient (%age) : 0
Skew Angle (degree) : 0.00
Radius of Curve in Plan (if Any) : 0.00
Design Data
HFL Highest Flood Level : 797.500
OFL Ordinary Flood Level : 796.000
LWL Low Water Level : 795.500
Design Velocity (m/Sec) :
Design Discharge (Cumecs) :
Soffit Level at Centre :
Road Level at Centre : 802.500
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 : Truss
Superstructure Material : Steel
Wearing Coat Type : Cement Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Steel rolled section
Bearing type : Roller & Rocker
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Raft
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : RCC counterfort type
Pier Type : NA
Protection Work
Bank Protection Left Side of Up-stream : Plum concrete Block
Bank Protection Right Side of Up-stream : Plum concrete Block
Bank Protection Left Side of Down-stream : Plum concrete Block
Bank Protection Right Side of Down-stream : Plum concrete Block
Floor Protection on Up-stream : no protection work provided
Floor Protection on Down-stream : no protection work provided
Tratment for Corrosion Protection (if any) : Red Oxide Primer with Synthetic enamel paint final
Name of JE/AAE : Ajay Aswal

