ID :1736 Steel girder Bridge __ __ __ __ __

on Chainage 61.460 of Tehri Hindolakhal Devprayag Vyasghat Bilkhet state highway

In District Pauri Under PD Pauri Division

Bridge Inventory Report

Division: PD Pauri

Data not-yet finalized

General
Name of Division : 67
Revenue Block Name : 34
Chainage (at Mid Point) : 61.460
Road/ Segment Name : 94
Bridge Type : Motor Bridge High Level
Structure No : 62/1
Feature Intersected : Randhi Gadera
Name of Bridge : Steel girder Bridge
Nearest Town : Umrasu (Pantgaun)
Latitude (Northing) : 30.11924444
Longitude (Easting) : 78.58841666
Construction Year : 2011
Inventory Year : 2022
Work Code(s) : ADB
Geometric
Overall length (in meter) : 24.00
Total No of Span : 1
Maximuam Span (in meter) : 24.00
Span Arragment : 1x27
No of Lane : 1.000
Overall Width (m) : 4.700
Carriageway Width (m) : 4.200
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 6.500
Gradient (%age) : 0
Skew Angle (degree) : 0.00
Radius of Curve in Plan (if Any) : 0.00
Design Data
HFL Highest Flood Level : 492.000
OFL Ordinary Flood Level : 489.000
LWL Low Water Level : 483.000
Design Velocity (m/Sec) :
Design Discharge (Cumecs) :
Soffit Level at Centre : 507.800
Road Level at Centre : 508.000
Design Scour Level at Pier :
Design Scour Level at Abutments : 480.000
Exposure Condition : Moderate

Seismic Importance factor : 1.0
Design Loading : Class B
Load Rating : Class B
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 : Tubular steel
Bearing type : POT PIN
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Open
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : Stone Masonry
Pier Type : NA
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 :

