

ID :1736 Steel girder Bridge _ _ _ _ _

on Chainage 61.460 of Tehri Hindolakhhal 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

Geometric

Overall length (in meter) : 27.00

Total No of Span : 1

Maximum Span (in meter) : 27.00

Span Arrangement : 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

Approach 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

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : Roller & Rocker

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

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE : Er. Mahendra Singh Dawan

