

ID :1418 60 m Pedestrian Bridge near Rail village _ _ _ _ _

on Chainage 1.400 of Phata Rail Jalmalla Bridle Road

In District Rudraprayag Under CD Ukhimath Division

Bridge Inventory Report

Division: CD Ukhimath

Data not-yet finalized

General

Name of Division : 40

Revenue Block Name : 16

Chainage (at Mid Point) : 1.400

Road/ Segment Name : 5448

Bridge Type : Pedestrian Bridge

Structure No : 1

Feature Intersected : Mandakini River

Name of Bridge : 60 m Pedestrian Bridge near Rail village

Nearest Town : Phata

Latitude (Northing) : 30.59111000

Longitude (Easting) : 79.03500000

Construction Year : 2019

Inventory Year : 2020

Geometric

Overall length (in meter) : 60.00

Total No of Span : 1

Maximum Span (in meter) : 60.00

Span Arrangement : 1x60

No of Lane : 1.000

Overall Width (m) : 2.450

Carriageway Width (m) : 2.100

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 2.000

Gradient (%age) : 0

Skew Angle (degree) : 0.00

Radius of Curve in Plan (if Any) : 0.00

Design Data

HFL Highest Flood Level :

OFL Ordinary Flood Level : 1394.000

LWL Low Water Level : 1392.000

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre : 1407.400

Road Level at Centre : 1410.000

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Moderate

Seismic Importance factor : 1.0

Design Loading : Footpath Live Load

Load Rating : Footpath Live Load

Super-Structure

Superstructure Type : Truss

Superstructure Material : Steel

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Other

Railing/Crash Barrier type : Tubular steel

Bearing type : Not Provided

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : NA

No of Piers : 0

Abutment Type : RCC Box type

Pier Type : NA

Protection Work

Bank Protection Left Side of Up-stream : no protection work provided

Bank Protection Right Side of Up-stream : Wirecrates

Bank Protection Left Side of Down-stream : Plum Concrete Block

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 : Sanjeet Kumar

