

ID :1787 Swaal Nadi Bridge _ _ _ _ _

on Chainage 6.150 of Lodhiya Chaumu motor road

In District Almora Under PD Almora Division

Bridge Inventory Report

Division: PD Almora

Data not-yet finalized

General

Name of Division : 1

Revenue Block Name : 69

Chainage (at Mid Point) : 6.150

Road/ Segment Name : 598

Bridge Type : Motor Bridge High Level

Structure No : 7/2

Feature Intersected : Swaal River

Name of Bridge : Swaal Nadi Bridge

Nearest Town : Chamu, Laat, Lodhiya

Latitude (Northing) : 29.57149700

Longitude (Easting) : 79.65112600

Construction Year : 2018

Inventory Year : 2022

Geometric

Overall length (in meter) : 42.50

Total No of Span : 1

Maximum Span (in meter) : 42.90

Span Arrangement : 1x42m

No of Lane : 1.000

Overall Width (m) : 5.700

Carriageway Width (m) : 4.250

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 7.600

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 :

LWL Low Water Level :

Design Velocity (m/Sec) :

Design Discharge (Cumecs) :

Soffit Level at Centre :

Road Level at Centre :

Design Scour Level at Pier :

Design Scour Level at Abutments :

Exposure Condition : Mild

Seismic Importance factor : 0.0

Design Loading : Class A

Load Rating : Class A

Super-Structure

Superstructure Type : Truss

Superstructure Material : Composite

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Steel rolled section

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Bouldery

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 : Plum Masonry

Bank Protection Right Side of Up-stream : Plum Masonry

Bank Protection Left Side of Down-stream : Plum Masonry

Bank Protection Right Side of Down-stream : Plum Masonry

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. P.C. Pant

