

ID :1787 Swaal Nadi Bridge \_ \_ \_ \_ \_

on Chainage 6.150 of Lodhiya Chaumu motor road

In District Almora Under PD Almora Division

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## 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

