

ID :1867 Syapad Bridge \_ \_ \_ \_ \_

on Chainage 1.600 of Khunt-Dhamas-Basar-Jyoli 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) : 1.600

Road/ Segment Name : 604

Bridge Type : Motor Bridge High Level

Structure No : 2/2

Feature Intersected : Syapad Gadhera

Name of Bridge : Syapad Bridge

Nearest Town : Dhamus

Latitude (Northing) : 29.59607700

Longitude (Easting) : 79.57093200

Construction Year : 2018

Inventory Year : 2022

### Geometric

Overall length (in meter) : 7.40

Total No of Span : 1

Maximum Span (in meter) : 6.00

Span Arrangement : 1x6

No of Lane : 1.000

Overall Width (m) : 6.300

Carriageway Width (m) : 5.800

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 7.500

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 : Moderate

Seismic Importance factor : 1.0

Design Loading : Class A

Load Rating : NA

Super-Structure

Superstructure Type : Solid slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : other

Bearing type : Not Provided

Sub-Structure

Founding Strata : Hard clayey

Abutment Foundation Type : Raft

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 : P. C. Pant

