

ID :126 Gwaltha Bridge \_ \_ \_ \_ \_

on Chainage 46.750 of Silkyara Bangaon Chapda Sarot state highway

In District Uttarkashi Under CD Uttarkashi Division

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## Bridge Inventory Report

Division: CD Uttarkashi

Data not-yet finalized

### General

Name of Division : 32

Revenue Block Name : 5

Chainage (at Mid Point) : 46.750

Road/ Segment Name : 92

Bridge Type : Motor Bridge High Level

Structure No : 46/30

Feature Intersected : Atangawn Gaad

Name of Bridge : Gwaltha Bridge

Nearest Town : badeti

Latitude (Northing) : 30.67346000

Longitude (Easting) : 78.18378300

Construction Year : 1986

Inventory Year : 2021

### Geometric

Overall length (in meter) : 12.15

Total No of Span : 1

Maximum Span (in meter) : 12.15

Span Arrangement : 1x12.15

No of Lane : 1.000

Overall Width (m) : 4.550

Carriageway Width (m) : 4.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 5.250

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 : 1.0

Design Loading : Class A

Load Rating : Class A

Super-Structure

Superstructure Type : T-beam and slab

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Cast-in-situ concrete

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Rocky

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 : Kunwar pal

