

ID :3757 steel truss bridge \_ \_ \_ \_ \_

on Chainage 57.530 of Rishikesh Dharasu Barkot Phool Chatti (Yamunotri) national highway

In District Uttarkashi Under NH Badkot Division

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## Bridge Inventory Report

Division: NH Badkot

Data not-yet finalized

### General

Name of Division : 62

Revenue Block Name : 3

Chainage (at Mid Point) : 57.530

Road/ Segment Name : 7

Bridge Type : Motor Bridge High Level

Structure No : 57/1

Feature Intersected : nala

Name of Bridge : steel truss bridge

Nearest Town : barkot

Latitude (Northing) : 30.81985200

Longitude (Easting) : 78.24518000

Construction Year : 2023

Inventory Year : 2025

### Geometric

Overall length (in meter) : 40.00

Total No of Span : 1

Maximum Span (in meter) : 40.00

Span Arrangement : 1\*40

No of Lane : 2.000

Overall Width (m) : 16.500

Carriageway Width (m) : 10.000

RS Footpath Width (m) : 1.500

LS Footpath Width (m) : 1.500

Approach Width i/c Shoulders (m) : 3.500

Gradient (%age) : 3

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 : 1.2

Design Loading : Class A  
Load Rating : Class A  
Super-Structure  
Superstructure Type : Truss  
Superstructure Material : Steel  
Wearing Coat Type : Cement Concrete  
Expansion Joint Type : Single Strip/Box Seal Joint  
Railing/Crash Barrier type : Cast-in-situ concrete  
Bearing type : Spherical and Cylindrical  
Sub-Structure  
Founding Strata : Bouldery  
Abutment Foundation Type : Open  
Pier Foundation Type : NA  
No of Piers : 0  
Abutment Type : RCC counterfort type  
Pier Type : NA  
Protection Work  
Bank Protection Left Side of Up-stream : wing wall  
Bank Protection Right Side of Up-stream : wing wall  
Bank Protection Left Side of Down-stream : wing wall  
Bank Protection Right Side of Down-stream : wing wall  
Floor Protection on Up-stream : guide bunds  
Floor Protection on Down-stream : guide bunds  
Treatment for Corrosion Protection (if any) : CC PLUM  
final

Name of JE/AAE :

