

ID :3758 steel plate girder _ _ _ _ _

on Chainage 51.780 of Rishikesh Dharasu Barkot Phool Chatti (Yamunotri) national highway

In District Uttarkashi Under NH Badkot Division

Bridge Inventory Report

Division: NH Badkot

Data not-yet finalized

General

Name of Division : 62

Revenue Block Name : 3

Chainage (at Mid Point) : 51.780

Road/ Segment Name : 7

Bridge Type : Motor Bridge High Level

Structure No : 51/1

Feature Intersected : nala

Name of Bridge : steel plate girder

Nearest Town : barkot

Latitude (Northing) : 30.80074500

Longitude (Easting) : 78.21976500

Construction Year : 2023

Inventory Year : 2025

Geometric

Overall length (in meter) : 24.00

Total No of Span : 1

Maximum Span (in meter) : 24.00

Span Arrangement : 1*25

No of Lane : 2.000

Overall Width (m) : 12.900

Carriageway Width (m) : 10.000

RS Footpath Width (m) : 0.750

LS Footpath Width (m) : 0.750

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 : Plate Girder
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 : Rocky
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 :

