ID :3758  steel plate girder  __ __ __ __ __

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

In District Uttarkashi Under NH Div Barkot Division

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Bridge Inventory Report

Division: NH Div Barkot

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
Work Code(s) : --
Geometric
Overall length (in meter) : 24.00
Total No of Span : 1
Maximuam Span (in meter) : 24.00
Span Arragment : 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
Approch 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
Expension 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
Tratment for Corrosion Protection (if any) : cc plum
final
Name of JE/AAE :

