

ID :3271 Asena \_\_\_\_\_

on Chainage 4.250 of Jakhdhar Ghansali state highway

In District Tehri Under TD Ghansaali Division

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## Bridge Inventory Report

Division: TD Ghansaali

Data not-yet finalized

### General

Name of Division : 45

Revenue Block Name : 19

Chainage (at Mid Point) : 4.250

Road/ Segment Name : 47

Bridge Type : Motor Bridge High Level

Structure No : 4/1

Feature Intersected : ASENSA gadera

Name of Bridge : Asena

Nearest Town : Asena

Latitude (Northing) : 30.38638800

Longitude (Easting) : 78.59722200

Construction Year : 2022

Inventory Year : 2023

### Geometric

Overall length (in meter) : 53.20

Total No of Span : 1

Maximum Span (in meter) : 52.00

Span Arrangement : 1\*52.00

No of Lane : 1.500

Overall Width (m) : 7.250

Carriageway Width (m) : 5.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 7.000

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 : 1.2

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 : POT PIN

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Open

Pier Foundation Type : Well

No of Piers : 0

Abutment Type : RCC counterfort type

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 :

