

ID :3301 Sumarth Gadera \_ \_ \_ \_ \_

on Chainage 109.230 of Uttarkashi Ghansali Tilwara 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) : 109.230

Road/ Segment Name : 98

Bridge Type : Motor Bridge High Level

Structure No : 4

Feature Intersected : Sumarth Gadera

Name of Bridge : Sumarth Gadera

Nearest Town : Sumarth

Latitude (Northing) : 30.30000000

Longitude (Easting) : 78.30000000

Construction Year : 1965

Inventory Year : 2012

### Geometric

Overall length (in meter) : 24.50

Total No of Span : 8

Maximum Span (in meter) : 6.00

Span Arrangement : 1-24

No of Lane : 1.000

Overall Width (m) : 4.300

Carriageway Width (m) : 4.200

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 8.000

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 : 8.000

Exposure Condition : Moderate

Seismic Importance factor : 1.0

Design Loading : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : Truss

Superstructure Material : Reinforced concrete

Wearing Coat Type : Cement Concrete

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Tubular steel

Bearing type : POT PIN

Sub-Structure

Founding Strata : Rocky

Abutment Foundation Type : Open

Pier Foundation Type : Well

No of Piers : 8

Abutment Type : Stone Masonry

Pier Type : RCC Solid

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 :

