

ID :1560 New Tiloth Bridge 42 m span _ _ _ _ _

on Chainage 0.000 of Tiloth bridge to Uttarkashi Ghansali Tilwara (upto 3.00 km.) link road

In District Uttarkashi Under PD Uttarkashi Division

Bridge Inventory Report

Division: PD Uttarkashi

Data not-yet finalized

General

Name of Division : 30

Revenue Block Name : 6

Chainage (at Mid Point) : 0.000

Road/ Segment Name : 6830

Bridge Type : Motor Bridge High Level

Structure No : 1/1

Feature Intersected : Bhagirathi River

Name of Bridge : New Tiloth Bridge 42 m span

Nearest Town : Uttarkashi

Latitude (Northing) : 30.72940600

Longitude (Easting) : 78.44680200

Construction Year : 2024

Inventory Year : 2024

Geometric

Overall length (in meter) : 42.00

Total No of Span : 1

Maximum Span (in meter) : 42.00

Span Arrangement : 1*42

No of Lane : 2.000

Overall Width (m) : 8.500

Carriageway Width (m) : 7.500

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 9.000

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 : 0.0

Design Loading : Class A

Load Rating : Class A

Super-Structure

Superstructure Type : Plate Girder

Superstructure Material : Steel

Wearing Coat Type : Mastic asphalt

Expansion Joint Type : Single Strip/Box Seal Joint

Railing/Crash Barrier type : Steel rolled section

Bearing type : Roller & Rocker

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Well

Pier Foundation Type : Well

No of Piers : 1

Abutment Type : RCC Box type

Pier Type : RCC Solid

Protection Work

Bank Protection Left Side of Up-stream : protection work provided

Bank Protection Right Side of Up-stream : protection work provided

Bank Protection Left Side of Down-stream : protection work provided

Bank Protection Right Side of Down-stream : protection work provided

Floor Protection on Up-stream : protection work provided

Floor Protection on Down-stream : protection work provided

Treatment for Corrosion Protection (if any) : no special treatment provided

final

Name of JE/AAE :

