ID :3390 Harshil Steel Truss Bridge in place of Bailey bridge __ __ __ __ __

on Chainage 1.000 of Harshil-Mukhwa-Jangla Motor Road

In District Uttarkashi Under PD Bhatwari Division

Bridge Inventory Report

Division: PD Bhatwari

Data not-yet finalized

General
Name of Division : 31
Revenue Block Name : 6
Chainage (at Mid Point) : 1.000
Road/ Segment Name : 5229
Bridge Type : Motor Bridge High Level
Structure No : 1/1
Feature Intersected : Bhagirathi River
Name of Bridge : Harshil Steel Truss Bridge in place of Bailey bridge
Nearest Town : Uttarkashi
Latitude (Northing) : 31.03519700
Longitude (Easting) : 78.75038500
Construction Year : 2023
Inventory Year : 2024
Work Code(s) : --
Geometric
Overall length (in meter) : 42.00
Total No of Span : 1
Maximuam Span (in meter) : 42.00
Span Arragment : 1x42
No of Lane : 1.500
Overall Width (m) : 4.250
Carriageway Width (m) : 4.250
RS Footpath Width (m) : 0.000
LS Footpath Width (m) : 0.000
Approch Width i/c Shoulders (m) : 5.000
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 : 1.0
Design Loading : Class A
Load Rating : Class A
Super-Structure
Superstructure Type : Truss
Superstructure Material : Steel
Wearing Coat Type : Cement Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Tubular steel
Bearing type : Elastomeric
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Raft
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : other
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
Tratment for Corrosion Protection (if any) : no special treatment provided
final
Name of JE/AAE :

