ID :88 RCC Bridge at km 9.42 of Uttarkashi bypass m/r __ __ __ __ __

on Chainage 9.420 of Uttarkashi Bypass 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) : 9.420
Road/ Segment Name : 5246
Bridge Type : Motor Bridge High Level
Structure No : 10/1
Feature Intersected : BHAGIRATHI RIVER
Name of Bridge : RCC Bridge at km 9.42 of Uttarkashi bypass m/r
Nearest Town : Uttarkashi
Latitude (Northing) : 30.74831400
Longitude (Easting) : 78.45258600
Construction Year : 2017
Inventory Year : 2020
Work Code(s) : --
Geometric
Overall length (in meter) : 122.70
Total No of Span : 2
Maximuam Span (in meter) : 61.35
Span Arragment : 2x61.35
No of Lane : 2.000
Overall Width (m) : 7.000
Carriageway Width (m) : 7.000
RS Footpath Width (m) : 1.750
LS Footpath Width (m) : 1.750
Approch Width i/c Shoulders (m) : 12.000
Gradient (%age) : 0
Skew Angle (degree) : 0.00
Radius of Curve in Plan (if Any) : 0.00
Design Data
HFL Highest Flood Level : 1151.400
OFL Ordinary Flood Level : 1147.518
LWL Low Water Level : 1143.905
Design Velocity (m/Sec) : 9.87
Design Discharge (Cumecs) : 3773.43
Soffit Level at Centre :
Road Level at Centre : 1159.000
Design Scour Level at Pier : 17.200
Design Scour Level at Abutments : 17.200
Exposure Condition : Moderate

Seismic Importance factor : 1.0
Design Loading : Class 70R
Load Rating : Class 70R
Super-Structure
Superstructure Type : T-beam and slab
Superstructure Material : Reinforced concrete
Wearing Coat Type : Cement Concrete
Expension Joint Type : Compression Seal Joint
Railing/Crash Barrier type : Cast-in-situ concrete
Bearing type : POT PIN
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Open
Pier Foundation Type : Open
No of Piers : 1
Abutment Type : RCC counterfort type
Pier Type : RCC Solid
Protection Work
Bank Protection Left Side of Up-stream : CC work
Bank Protection Right Side of Up-stream : CC work
Bank Protection Left Side of Down-stream : CC work
Bank Protection Right Side of Down-stream : CC work
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 : Er Babita Shah