ID :87  RCC Bridge at km 5.51 of Uttarkashi bypass m/r  __ __ __ __ __

on Chainage 5.510 of Uttarkashi Bypass Motor Road

In District Uttarkashi Under PD Bhatwari Division

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Bridge Inventory Report

Division: PD Bhatwari

Data not-yet finalized

General
Name of Division : 31
Revenue Block Name : 6
Chainage (at Mid Point) : 5.510
Road/ Segment Name : 5246
Bridge Type : Motor Bridge High Level
Structure No : 5/1
Feature Intersected : Indravati river
Name of Bridge : RCC Bridge at km 5.51 of Uttarkashi bypass m/r
Nearest Town : JOSHIYARA
Latitude (Northing) : 30.72505800
Longitude (Easting) : 78.43915600
Construction Year : 2016
Inventory Year : 2020
Work Code(s) : --
Geometric
Overall length (in meter) : 50.00
Total No of Span : 1
Maximuam Span (in meter) : 50.00
Span Arragment : 1x50
No of Lane : 1.000
Overall Width (m) : 11.000
Carriageway Width (m) : 7.000
RS Footpath Width (m) : 1.500
LS Footpath Width (m) : 1.500
Approch 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 : 1124.593
OFL Ordinary Flood Level : 1119.200
LWL Low Water Level : 1118.200
Design Velocity (m/Sec) : 1.94
Design Discharge (Cumecs) : 518.02
Soffit Level at Centre :
Road Level at Centre : 1129.000
Design Scour Level at Pier :
Design Scour Level at Abutments : 4.750
Exposure Condition : Moderate

Seismic Importance factor : 1.0
Design Loading : Class 70R
Load Rating : Class 70R
Super-Structure
Superstructure Type : Box girder
Superstructure Material : Pre-stressed concrete
Wearing Coat Type : Cement Concrete
Expension Joint Type : Single Strip/Box Seal Joint
Railing/Crash Barrier type : Steel rolled section
Bearing type : POT PIN
Sub-Structure
Founding Strata : Rocky
Abutment Foundation Type : Open
Pier Foundation Type : NA
No of Piers : 0
Abutment Type : RCC counterfort type
Pier Type : NA
Protection Work
Bank Protection Left Side of Up-stream : plum concrete work
Bank Protection Right Side of Up-stream : plum concrete work
Bank Protection Left Side of Down-stream : plum concrete work
Bank Protection Right Side of Down-stream : plum concrete 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 :

