ID :86  Steel girder 2 lane bridge in Uttarkashi bypass road  __ __ __ __ __

on Chainage 0.085 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) : 0.085
Road/ Segment Name : 5246
Bridge Type : Motor Bridge High Level
Structure No : 1/1
Feature Intersected : BHAGIRATHI RIVER
Name of Bridge : Steel girder 2 lane bridge in Uttarkashi bypass road
Nearest Town : Uttarkashi
Latitude (Northing) : 30.73025900
Longitude (Easting) : 78.40733500
Construction Year : 2016
Inventory Year : 2021
Work Code(s) : --
Geometric
Overall length (in meter) : 70.00
Total No of Span : 1
Maximuam Span (in meter) : 70.00
Span Arragment : 1x70
No of Lane : 1.000
Overall Width (m) : 9.500
Carriageway Width (m) : 7.000
RS Footpath Width (m) : 1.300
LS Footpath Width (m) : 1.300
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 : 1075.000
OFL Ordinary Flood Level : 1067.441
LWL Low Water Level : 1070.865
Design Velocity (m/Sec) : 6.94
Design Discharge (Cumecs) : 3748.50
Soffit Level at Centre :
Road Level at Centre : 1079.000
Design Scour Level at Pier :
Design Scour Level at Abutments : 17.000
Exposure Condition : Moderate

Seismic Importance factor : 1.0
Design Loading : Class 70R
Load Rating : Class 70R
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 : 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 : 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 :

