

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

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

Geometric

Overall length (in meter) : 70.00
Total No of Span : 1
Maximum Span (in meter) : 70.00
Span Arrangement : 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
Approach 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

Expansion 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

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

final

Name of JE/AAE :

