

ID :3203 Feeder Canal \_ \_ \_ \_ \_

on Chainage 26.613 of starting from its junction with NH -74 near kashipur connecting Ramnager Dhumakot  
Thalisain Tripalisain Pabo and Terminating at NH 119 near Bubakhal National Highway

In District Nanital Under NH Haldwani Division

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## Bridge Inventory Report

Division: NH Haldwani

Data not-yet finalized

### General

Name of Division : 61

Revenue Block Name : 81

Chainage (at Mid Point) : 26.613

Road/ Segment Name : 11

Bridge Type : Motor Bridge High Level

Structure No : 27/2

Feature Intersected : Kosi River Feeder Canal

Name of Bridge : Feeder Canal

Nearest Town : Ramnagar

Latitude (Northing) : 29.39016200

Longitude (Easting) : 79.12844300

Construction Year : 1972

Inventory Year : 2023

### Geometric

Overall length (in meter) : 9.00

Total No of Span : 3

Maximum Span (in meter) : 9.00

Span Arrangement : 1x3+1x3+1x3

No of Lane : 2.000

Overall Width (m) : 7.000

Carriageway Width (m) : 7.000

RS Footpath Width (m) : 0.000

LS Footpath Width (m) : 0.000

Approach Width i/c Shoulders (m) : 11.000

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 : 0.0

Design Loading : Class B

Load Rating : Class B

Super-Structure

Superstructure Type : Arch

Superstructure Material : Composite

Wearing Coat Type : Bituminous Concrete

Expansion Joint Type : Not Provided

Railing/Crash Barrier type : Steel rolled section

Bearing type : Not Provided

Sub-Structure

Founding Strata : Bouldery

Abutment Foundation Type : Open

Pier Foundation Type : Open

No of Piers : 2

Abutment Type : Stone Masonry

Pier Type : Stone Masonry

Protection Work

Bank Protection Left Side of Up-stream : Gabian in three row provided

Bank Protection Right Side of Up-stream : Gabian in three row provided

Bank Protection Left Side of Down-stream : Gabian in three row provided

Bank Protection Right Side of Down-stream : Gabian in three row provided

Floor Protection on Up-stream : Cut-off wall and apron provided

Floor Protection on Down-stream : Cut-off wall and apron provided

Treatment for Corrosion Protection (if any) : Cut-off wall and apron provided

final

Name of JE/AAE : Qamar Alam

