

LIST OF DOCUMENTS REQUIRED FOR APPROVAL OF GAD OF BRIDGES ACROSS CANALS

Data Required		Data to be provided by	
		Applicant	Field Office
Name of canal		✓	✓
Reason for remodeling/reconstruction/new construction		✓	-
Feasibility of proposed project at site			✓
Sub-Division		✓	✓
RD of Crossing (Proposed Location)		✓ For identification provide RD (if available), Landmark, nearby village, Google co-ordinates.	
Angle of Crossing		✓	-
Carriage Way Width		✓	-
Approved drawings of existing structure showing the following details	Design Discharge	to be submitted by applicant agency if previous work constructed by them or other department except for department of Water Resources, Punjab.	to be provided by Field office in case of structure constructed by own department. in absence of drawings of existing structure, submit duly attested sketch showing all parameters given in column (1)
	Total Water way		
	No. of Spans		
	Span Length		
	Type of Foundation		
	Foundation Level		
	Existing Road Level		
Approved L-Section of Canal showing the following details	Design Discharge as per L-Section		✓
	Full Supply Level		
	Designed Bed Level		
	Designed Bed Width		
	Water surface Slope		
	Side Slope		
	Free Board		
	Design Velocity		
	Lined/Unlined		
Site Plan		to be provided by field office also should show any nearby existing structure U/s or D/s or proposed structure along with its alignment w.r.t. centerline Should show continuity of Banks.	
NOC from other departments/private land owner etc.		✓	
Existing Cross Sections (at proposed RD. 100ft U/s & D/s)	Existing Bed Width		✓
	Existing Bed Level		
	NSL (Left and Right)		
	Mouth opening of Canal		

**Note: Above data to be provided by field office after discussion/approval from Superintending Engineer in-charge.

LIST OF DOCUMENTS REQUIRED FOR APPROVAL OF GADs OF BRIDGES ACROSS DRAINS/RIVERS

Data Required		Data to be provided by	
		Applicant	Field Office
Name of River/Drain		✓	✓
Reason for remodeling/reconstruction/new construction		✓	-
Feasibility of proposed project at site		-	✓
Sub-Division		✓	✓
RD of Crossing		✓	✓
Angle of Crossing		✓	✓
Carriage Way Width		✓	-
Approved drawings of existing structure showing the following details	Design Discharge	to be submitted by applicant agency if previous work constructed by them or other department except for department of Water Resources, Punjab.	to be provided by Field office in case of structure constructed by own department. in absence of drawings of existing structure, submit duly attested sketch showing all parameters given in column (1)
	Total Water way		
	No. of Spans		
	Span Length		
	Type of Foundation		
	Foundation Level		
	Existing Road Level		
Approved L-Section of Drain/River showing the following details	Design Discharge (5yr R/p, 25 yr R/p, 50 yr R/p,100 yr R/p for which design is to be done)		In absence of approved L-Section, approved capacity statement of drain/river or approved L-Section of River Embankment shaving HFL marked Recommendation for design discharge
	Full Supply Level		
	Designed Bed Level		
	Designed Bed Width		
	Bed Slope		
	Side Slope		
	Design Velocity		
Site Plan			to be verified by field office also should show any nearby existing structure U/s or D/s or proposed structure along with its alignment w.r.t. centerline
NOC from other departments/private land owner etc.		✓	
Existing Cross Sections(at proposed RD.100ft U/s & D/s)	Existing Bed Width		
	Existing Bed Level		
	NSL(Left and Right)		
	Mouth opening of Drain		

**Note: Above data to be provided by field office after discussion/approval from Superintending Engineer in-charge.