

NORTHERN RAILWAY

Headquarters Office,
Baroda House,
New Delhi.

No.10-W/O/Policy/Building

Date: 25.03.2025.

Principal Chief Engineer's Circular No.601(R-2)

**Divisional Railway Manager,
Northern Railway,
DRM office,
NDLS, FZR, MB, LKO, UMB,JAT.**

**CAO/C,CAO/C-II,CAO/C/USBRL,
Northern Railway,
Kashmere Gate,
Delhi.**

**CAO/C/RSP,
9th Floor, Konnectus Tower,
DMRC Building,
New Delhi-110001.**

Sub: Revision R2 in PCE circular 601.

Ref: Principal Chief Engineer's No.601, dated 22.02.2021.

In continuation of the Pr. Chief Engineer's circular 601, a note is hereby added in the Annexure III and accordingly para no.1,2 & 3 of Annexure III are updated.

This has approval of competent authority.

DA: As above.

Digitally Signed by Balak
Ram Negi
Date: 25-03-2025 16:17:43
Reason: Approved

**(Balak Ram Negi)
Chief Engineer/P&D**

Copy to :-

1. Managing Director: - RITES, IRCON, RVNL, DFCCIL & HRIDC, New Delhi
2. PCOM, PCCM, PCEE, PCSTE, PCME, PCMD, PCSC, PCPO/NRHQ. Office, Baroda House, New Delhi.
3. All HOD and DYCE of Engineering department HQ. Office, Baroda House, New Delhi.
4. In charges of DOE, DOT, DOB and Chief office Supdt./Co-ord./Engg./Northern Railway, Baroda House, New Delhi.

S.N.	Description of plans	Plans to be signed by officers of different departments		Required Level Of Approval		Authority	Remarks, if any
		Divisional level	Headquarters level	Divisional level	Headquarters level		
1.	<u>Station & Station yards:</u>						
(i)	# Yard plan including addition and alterations & dismantling of siding	Sectional Sr.DEN/ DEN; Sr. DEN (Co-ord); Sr.DCM;Sr.DOM; Sr. DSTE;Sr. DEE#; DRM	CTPM, CE/P&D	Divisional Railway Manager	Chief Engineer /P&D	Para 901 (e) of IRWM & RB's letter no. 2017/CE-I/CT/13/Prosd. Simpl. Dated 20.10.2017	
(ii)	# General Arrangement Plans/Drawings (GAD) of NSG1 to NSG6 category Buildings including additions & alterations	Sectional Sr.DEN/ DEN;Sr. DEN (Co-ord); Sr. DSTE; Sr. DEE#; Sr. DCM, Sr.DOM, DRM	CTPM, CCM/SD, CE/SD	Divisional Railway Manager	Chief Engineer SD	Para 203 of IRPWM	
(iii)	# General Arrangement Plans/Drawings (GAD) of Foot Over Bridges/Subways including additions & alterations	Sectional Sr.DEN/ DEN;Sr. DEN (Co-ord); Sr. DSTE; Sr. DEE; Sr. DOM, DRM	DY/CE/BD, CCM/PS, CBE, CE/SD	Divisional Railway Manager	Chief Bridge Engineer	RB's letter no. 2017/CE-I/CT/13/Prosd. Simpl. Dated 20.10.2017 and para 317 of IRBM	
	Note: # Revalidation of approved drawing shall be carried out if physical work at site is not commenced within 2 years of approval of drawing. In the case of any change in site condition or any modification found during the revalidation, fresh approval shall be obtained from all concerned. In the case of no change in condition/modification at site, only Sr.DEN/C shall sign the plan and submit revalidated plan to concerned approving authority in NRHQ office for cognizance and record. Responsibility of revalidation lies with the executing agency. Remarks in c/w requirement of revalidation shall be added in original drawing during approval.						
2.	<u>ESP's of Level Crossing:</u>						
(i)	(a) L-Xings involving change in the yard plan in cases where combination of signals i.e. of the gate signal in the block section with any Signal of the station or IBS/IBH exist. (b) L-Xings in the automatic signal territory.	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord.); Sr.DSTE; Sr. DEE*, Sr. DOM; DRM	CTPM, CTE	Divisional Railway Manager	Chief Track Engineer*	RB's letter no. 2017/CE-I/CT/13/Prosd. Simpl. Dated 20.10.2017 and para 1203 of IRPWM	

	(c) L-Xing in the station yards.						
	Note: * CTE will advice to CE/P&D for incorporation in existing yard plan. # Revalidation of approved drawing shall be carried out if physical work at site is not commenced within 2 years of approval of drawing. In the case of any change in site condition or any modification found during the revalidation, fresh approval shall be obtained from all concerned. In the case of no change in condition/modification at site, only Sr.DEN/C shall sign the plan and submit revalidated plan to concerned approving authority in NRHQ office for cognizance and record. Responsibility of revalidation lies with the executing agency. Remarks in c/w requirement of revalidation shall be added in original drawing during approval.						
3.0	ROB/RUB/LHS/Railway Bridges						
(i)	@ Approval of General Arrangement Drawing (GAD) for ROB/RUBs/LHS/Railway Bridges (para 317 of IRBM) & (RB's letter no. 2017/CE-I/CT/13/Prosd. Simpl. Dated 20.10.2017)						
	(a) Where Division is supervising or executing agency	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord); Sr. DOM#; Sr.DEE/TRD(In Electrified Section),DRM	Dy.CE/ROB.; CBE	Divisional Railway Manager	Chief Bridge Engineer.	Para 318 of IRBM & RB's letter no. 2017/CE-I/CT/13/Prosd. Simpl. Dated 20.10.2017 & RB's letter no. 99/CE-I/Misc./23(IRBM) Pt. I dated 07.05.2013	
	(b) Where Construction Organization/RVNL/DFC CIL/IRCON/RITES/NCRTC /DMRC etc. is supervising or executing agency (*)	Dy.CE/Const (and others as per mechanism within construction organization), CE/Cons. (equivalent level of PSUs) Sectional Sr.DEN/DEN; Sr. DEN (Co-ord); Sr. DOM#; Sr.DEE/TRD(In Electrified Section),DRM	CE/Const. (equivalent level for other PSUs) Dy.CE/BD; CBE	Divisional Railway Manager	Chief Bridge Engineer		
	(*) Applicable in case of the new line/gauge conversion where construction organization is executing the work, where linear water way is reduced or vertical clearance is reduced and where construction is likely to affect any of the existing bridge during construction/service as per para 317 of IRBM and para 4 of RB's letter no. 99/CE-I/Misc./23(IRBM) Pt. I dated 07.05.2013. For PSU's who are working on behalf of railway like RVNL, IRCON etc. GADs of all the bridges of all railway projects will require approval as per above item unless specified otherwise by Rly Bd. For the works being executing by PSUs whose operation and maintenance is with them, only such bridges, which will affect Railways bridges, approval as per above will be required.						
	(c) For pipe line carrying water/ sewerage/ gas/ oil etc. xing single or	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord); Sr. DOM#; Sr.DEE/TRD(In Electrified Section),DRM	Dy.CE/BD.; CBE	Divisional Railway Manager	Chief Bridge Engineer	In case standard type plans approved and issued by HQ are	

	double tracks (Where Railway Division or Construction) is executing/supervising the work)					adopted than Only DRM's approval is required	
	(d) For pipe line carrying water/ sewerage/ gas/ oil etc. xing more than two tracks (Where Railway Division or Construction) is executing/supervising the work)	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord); Sr. DOM#; Sr.DEE/TRD(In Electrified Section),DRM	Dy.CE/BD.; CBE	Divisional Railway Manager	Chief Bridge Engineer	In case standard type plans approved and issued by HQ are adopted than Only DRM's approval is required	
	(e) Approval of GAD of OHE mast over bridges	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord); Sr.DEE/TRD(In Electrified Section),DRM,Dy.CE/CPM of executing unit; Dy.CE/Bridge maintaining unit; Sr. DOM#;DRM	Dy.CE/BD.; CBE	Divisional Railway Manager	Chief Bridge Engineer		
(ii)	Approval of launching scheme, temporary arrangement design/drawings and structural designs of all railway bridges & Para 317 of IRBM ROBs/RUBs						
	(a) Where Division is supervising or executing agency	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord); Sr. DOM#; Sr.DEE/TRD(In Electrified Section),DRM	Dy.CE/BD.; CBE	Divisional Railway Manager	Chief Bridge Engineer		
	(b) Where Construction units/RVNL/DFCCIL/ /NCRTC/DMRC etc are supervising or executing agency; (in cases not affecting safety of existing lines/lines)	Dy.CE/Const (and others as per mechanism within construction organization), CE/Cons. (equivalent level of PSUs) Sectional Sr.DEN/DEN; Sr. DEN (Co-ord); Sr. DOM#; Sr.DEE/TRD(In Electrified Section),DRM	CE/Const (equivalent level for other PSUs)	Divisional Railway Manager	CE/Const (equivalent level for other PSUs)		
	(c) Where Construction units/RVNL/DFCCIL/ /NCRTC/DMRC etc are supervising or executing agency; (in cases affecting	Dy.CE/Const (and others as per mechanism within construction organization), CE/Cons. (equivalent level of PSUs)	CE/Const. (equivalent level for other PSUs) Dy.CE/BD;	Divisional Railway Manager	Chief Bridge Engineer		

	safety of existing tracks/tracks)	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord); Sr. DOM#; Sr.DEE/TRD(In Electrified Section),DRM	CBE				
	(d) For pipe line carrying water/ sewerage/ gas/ oil etc. xing single or double	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord); Sr. DOM#; Sr.DEE/TRD(In Electrified Section),DRM	Dy.CE/BD.; CBE	Divisional Railway Manager	Chief Bridge Engineer	GAD deviated to standard type plan BM-01, 02, 03/GT/2016 (CE circular no 510)	
	(e) For pipe line carrying water/ sewerage/ gas/ oil etc. xing more than two tracks	Sectional Sr.DEN/DEN; Sr. DEN (Co-ord); Sr. DOM; Sr.DEE/TRD(In Electrified Section),DRM	Dy.CE/BD.; CBE	Divisional Railway Manager	Chief Bridge Engineer	CE circular no 510	
	<p>Note: (a) As per Railway Board letter no. 2016/54/ CE-III/BR/RDSO/Misc dated 12.02.21, detailed design/drawing of non- standard composite girder/ Bow Strings of ROBs shall be approved by CBE office where work is being executed by Open line and CE/C where work is being executed by Construction Organization.</p> <p>@ Revalidation of approved drawing shall be carried out if physical work at site is not commenced within 2 years of approval of drawing. In the case of any change in site condition or any modification found during the revalidation, fresh approval shall be obtained from all concerned. In the case of no change in condition/modification at site, only Sr.DEN/C shall sign the plan and submit revalidated plan to concerned approving authority in NRHQ office for cognizance and record. Responsibility of revalidation lies with the executing agency. Remarks in c/w requirement of revalidation shall be added in original drawing during approval.</p>						
3.	<u>Buildings & Colonies:-</u>						
(i)	Master plan of Important Colonies (i.e. Zonal HQ, Divisional HQ, and any other colony considered important by Division)	Sectional Sr.DEN/ DEN; Sr. DEN (Co-ord); Sr.DSTE; Sr.DEE*; DRM	Dy.CE/P&D; CE/P&D	Divisional Railway Manager	Chief Engineer/P&D	Para 203 of IRWM	
(ii)	Addition/alteration to standard type quarters	-	Dy.CE/P&D; CE/P&D	-	Dy. Chief Engineer/P&D***	Para 218 of IRWM	

