

A.P. Mishra

सदस्य इंजीनियरिंग, रेलवे बोर्ड और पदेन सचिव, भारत सरकार रेल मंत्रालय नई दिल्ली-११० ००१ MEMBER ENGINEERING, RAILWAY BOARD EX-OFFICIO SECRETARY, GOVERNMENT OF INDIA MINISTRY OF RAILWAYS NEW DELHI-110001

Dated 10-03-11.

D.O.No.2011/Track III/TK/4

My dear (PCEs, All Indian Railways)

Sub: Mechanization in laying and maintenance of turnouts.

Ref: My predecessor's D.O. of even number dated 17.2.2010.

The quality of laying and maintenance of concrete sleeper turnouts has Unsatisfactory laying affects the riding quality, maintainability and safety. I have reviewed the position of mechanized renewal and deep screening of turnouts as also the facilities available for achieving high quality of tamping.

- Position at Annexure I reflects that mechanized renewal of 1,565 turnouts has been carried out during Apr.'10-Jan.'11, against the proportionate target of 2000 nos. and the total progress of 4,994 nos. Some of the Railways have been resorting to manual laying while available machine capacity was not fully utilized. This is an unacceptable position. Manual works should not be undertaken as long as machine capacity is available. Works of turnout renewal should be planned in a assemblies of turnouts ready in advance and the machine should move section by section for laying these turnouts, thus manner that divisions keep maximizing the mechanized laying. Zonal HQ in planning & execution of turnout renewal works.
 - Inadequate/caked up cushion under concrete sleeper turnouts is a matter of concern. Indian Railways have 44 BCMs which are capable of deep screening turnouts. Instructions were issued vide my predecessor's D.O. under reference that deep screening of turnouts on A, B & D Spl. routes should be undertaken with Position at Annexure II reflects that only NCR and SCR have done substantial work in this regard. Some work has also been done on CR, ECoR, NFR and SR. Other railways have not done any significant deep screening of turnouts. Greater initiative is required in this regard particularly in coordination with operating and signaling departments. I would expect you to plan the work in a programmed manner to wipe out the arrears in deep screening of turnouts.

- The railway-wise holding of Unimat 3S & 4S is enclosed at Annexure III.

 The 3S machines have the facility of 3rd rail lifting arm for lifting turnout side of long sleepers while tamping on the main line. 4S machines have the facility of tamping turnout side also while tamping the main line. 4S machines also have ALC for preturnout side also while tamping the main line. 4S machines also have ALC for preturnout side also while tamping the main line. 4S machines also have ALC for preturnout side also while tamping the main line. 4S machines also have ALC for preturnout side also while tamping the main line. 4S machines also have ALC for preturnout side also while tamping the main line. 4S machines also have ALC for preturnout side also while tamping the main line. 4S machines also have ALC for preturnout side also while tamping the main line. 4S machines also have ALC for preturnout side also while tamping the main line. 4S machines also have ALC for preturnout side is not measuring run and computerized design mode working. Field staff, often resort to turnout side is not also trained and the facilities also have ALC for preturnout side also while tamping the main line. 4S machines also have ALC for preturnout side is not measuring run and computerized design mode working. Field staff, often resort to turnout side is not also while tamping the main line. 4S machines also have ALC for preturnout side is not measuring run and computerized design mode working. Field staff, often resort to turnout side is not also the facilities also have also
 - headquarter level.

 5.0 Your plan of action for improving the mechanized laying and maintenance of turnouts as above may please be apprised and progress should be reported through PCDOs. Quality check should also be conducted by headquarter officers and Technical Audit teams. The reports of quality checks should be reviewed at and Technical Audit teams. The reports of places

Yours sincerely,

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(A.P. Mishra)

PCE, All Indian Railways.

Copy to Director/IRICEN, Pune for information .

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	capable of		_1_		2110
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í			All	29	•
FCR	ν-	359	A+B+D Spl		- 0
			.All	9	9
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		348, 360, 371,		O.	
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			All		
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NER	2	362, 382 /	A+B+D Spl) 	
			All	13.00	27.5
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<u> </u>			TIX		
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			ATB+D	Spi 473	348
	IR 44		ί : : :		

Note: Position of mannual works is not being submitted by any railway except ECR & SECR

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UNIMAT	3-5	8280, 8284, 8300, 8310	8262, 8305, 8307	8274, 8281, 8296	8304, 8311	8270, 8273, 8285, 8293, 8306	8261, 8264, 8299, 8309	8290	8275, 8295	8272, 8394, 8312	8266, 8283, 8289	8265, 8278, 8282, 8288, 8308		2001 (2001)	8286, 8298	8269, 8277	8263, 8267, 8279, 8287, 8303	8768, 8291, 8292, 8301				
	2-5	8756	8258		8759	8257	8250		8251			82/19 8753	0250, 0250	0794, 0700	8252		8255					
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