

SECTION 704 GUARD RAIL

MATERIAL		REF.	PURP.	SAMPLED BY	MIN. FREQ.	MIN. QUANT.	CERT.	SMALL QUANTITY	TYPICAL HANDLING TIME	REMARKS	
		TESTED BY		METHOD		CONTAINER	DISTR.				
CONCRETE (Class M)	Mix Designs, Materials & Tests	704.02	SEE SECTION 901 OF THIS MANUAL.								Sample only if questionable.
GALVANIZING REPAIR COMPOUND		704.03(b) 811.12 Mat. Lab	Accept.	Proj. Engr. S 601	1/type*	1 can	-----	-----	-----	(QPL 23) *Visual inspection by Proj. Engr. Sample only if questionable.	
HARDWARE	Accessories, Bolts, End Anchor Rods, Fittings, Nuts and Washers	704.02 1010.10 Mat. Lab	Accept.	Proj. Engr. S 501	1/size/type/ shipment*	1 of each item**	CC 3	-----	12 days	*Sample not required if listed on CC for metal beam rail. **One piece of each type of hardware used is to be submitted.	
METAL BEAM RAIL		704.02 1010.08 Mat. Lab	Accept.	-----	-----	-----	CC 3	-----	-----	Fabricator must file Brand Registration and Guarantee with Mat. Lab. Visual inspection by Proj. Engr. Rail shall be stamped with the name or brand of manufacturer, ID symbol or code for heat, no. and coating of lot, AASHTO spec. no., and class and type.	
POSTS AND SPACER BLOCKS	Steel	704.02 1010.09(b) Mat. Lab	Accept.	-----	-----	-----	CC 3	-----		Visual inspection by Proj. Engr.	
	Timber	704.02 1010.09(a) Mat. Lab/	Accept.	-----	-----	-----	CC 1	-----	-----	Visual inspection by Proj. Engr. When requested by the Construction Fabrication Unit, the contractor shall furnish testing reports with ASOMA Reports for all material used in the treatment of posts and blocks for guard rail.	
REINFORCEMENT	Wire Fabric	1009.01(e) Std. Pl. GR 200 Mat. Lab	Accept.	Proj. Engr. S 501	1/shipment*	48 in. x 48 in.	-----	-----	11 days	*Visual inspection by Proj. Engr. Sample only if questionable.	
WIRE ROPE & FITTINGS		1010.11 Mat. Lab	Accept.	-----	-----	-----	CC* 3	-----		*Wire rope only. Proj. Engr. visually inspects fittings.	
WELDING		704.02	SEE SECTION 815 OF THIS MANUAL.								

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