MATERIAL		REFERENCE / TESTED BY	PURP.	SAMPLED BY / METHOD	MIN. FREQ.	MIN. QUANTITY / CONTAINER	CERT. / DISTR.	SMALL QUANTITY	TYPICAL HANDLING TIME	REMARKS
CONCRETE (Structural)	Mix Designs, Materials & Tests	809.38	SEE SECTION 901 OF THIS MANUAL.							Proj. Engr. to witness test for unit weight as per Specification Subsection 809.38 for counterweights. Bridge Design must approve calculations for determining unit weight.
ELECTRICAL EQUIPMENT	Brochures, Certified Dimension Sheets & Descriptive Data	801.03 809.04 809.05 Bridge Design	Accept.	BRIDGE DESIGN APPROVES AND DISTRIBUTES TO PROJ. ENGR. FOR ALL ITEMS LISTED IN BRIDGE ELECTRICAL EQUIPMENT LIST.			------	------	-----	No component shall be incorporated into the work without approval from Bridge Design.
GUARANTY	Contractor's Guarantee	104.05 809.02 Proj. Engr.	Accept.	PROJ. ENGR. AND BRIDGE DESIGN APPROVES AND FILES.		------	------	------	------	------
	Manufacturer's Standard Warranty	104.05 809.02 Proj. Engr.	Accept.	PROJ. ENGR. AND BRIDGE DESIGN APPROVES AND FILES.		------	------	------	------	------
HARDWARE	Bolts, Fasteners, Fittings, Nuts, Washers & Misc. Hardware	809.07 1013.08 1018.08 Mat. Lab	Accept.	Proj. Engr.* S 501	1/size/ type/ shipment	2 of each item**	------	-----	10 days	*When sampled by Const. Fab. Insp. and listed on report to Proj. Engr., project samples are not required. **Two pieces of each size and type of hardware used are to be submitted.
MAINTENANCE & OPERATION INSTRUCTION BOOKLETS		801.03(e)(2) 809.05 Bridge Design	Accept.	PROJ. ENGR. SUBMITS TO BRIDGE DESIGN FOR APPROVAL, THEN DISTRIBUTES IN ACCORDANCE WITH EDSM III.2.5.6.			------	------	------	------
MECHANICAL EQUIPMENT	Brochures, Certified Dimension Sheets & Descriptive Data	801.03 809.04 809.05 Bridge Design	Accept.	BRIDGE DESIGN APPROVES AND DISTRIBUTES TO PROJ. ENGR.				------	------	Proj. Engr. inspects materials and components to ensure conformance.

MATERIAL		REFERENCE / TESTED BY	PURP.	SAMPLED BY / METHOD	MIN. FREQ.	MIN. QUANTITY / CONTAINER	CERT. / DISTR.	SMALL QUANTITY	TYPICAL HANDLING TIME	REMARKS
MECHANICAL EQUIPMENT (Cont'd)	Parts List (Gears & Bearings in Gear Box)	809 Bridge Design	Accept.	BRIDGE DESIGN APPROVES AND DISTRIBUTES TO PROJ. ENGR.				------	-----	------
OPERATING HOUSE (All Furnishings)	Brochures	809.04 Bridge Design		BRIDGE DESIGN APPROVES AND DISTRIBUTES TO PROJ. ENGR.				------	------	------
PAINT AND PROTECTIVE COATINGS		809.09 1008	SEE SECTION 811 OF THIS MANUAL.							
POWER PLANT		809.39	SEE SECTION 730 OF THIS MANUAL.							
STRUCTURAL METALS		809.07 1013	SEE SECTION 807 OF THIS MANUAL.							
TRAFFIC BARRIERS	Drawings & Brochures	729.02 809.04 Bridge Design	Accept.	BRIDGE DESIGN APPROVES AND DISTRIBUTES TO PROJ. ENGR.				------	-----	Structural Fabrication Inspected in accordance with Sections 729 & 807 of this manual.
WELDING		SEE SECTION 815 OF THIS MANUAL.								
WIRE ROPE & ATTACHMENTS	Counterweight Rope Assemblies	809.08 Const. Fab. Insp.	Accept.	INSPECTED AND APPROVED BY CONST. FAB. INSP. UNIT PRIOR TO USE.			------	------	------	Proj. Engr. to receive inspection report on counterweight ropes and sockets from Const. Fab. Insp.
	Counterweight Ropes	809.08 1009.11 Mfr. & Const. Fab. Insp.	Prelim. Source Approval	Mfr. S 501	1/reel	2 ropes*	CA 6	------	------	*Two ropes per reel are to be submitted. Each rope length shall not be less than 25 times the rope diameter nor more than 12 ft.
	Sockets for Counterweight Ropes	809.08 1009.11 Mfr. & Const. Fab. Insp.	Prelim. Source Approval	Mfr. S 501	1/lot	4 sockets*	CA 6	------	------	*Four sockets for each lot are to be submitted. Tested with the counterweight rope sample.
	Wire Rope	809.08 1009.10 Mat. Lab	Accept.	Proj. Engr. S 501	1/type or class/ shipment	6 ft length	------	------	11 days	Does not include counterweight ropes.