MATERIAL		REFERENCE / TESTED BY	PURP.	SAMPLED BY / METHOD	MIN. FREQ.	MIN. QUANT. / CONTAINER	CERT. / DISTR.	SMALL QUANTITY	TYPICAL HANDLING TIME	REMARKS
BACKFILL (Soil)		701.08 802.09 Proj. Engr.	Accept.	------	-----	------	------	-----	------	Visual inspection by Proj. Engr.
CONCRETE (Class M)	Mix Designs, Materials & Tests	729.02(g)	SEE SECTION 901 OF THIS MANUAL.							
DELINEATORS		729.02(a) 1015.05 Mat. Lab	Accept.	Proj. Engr. S 601	1/type/ shipment	2 pieces	------	------	10 days	------
GALVANIZING REPAIR COMPOUND	Ferrous Metal	729.02(b) Proj. Engr.	SEE SECTION 811 OF THIS MANUAL.							(QPL 23)
GROUND ROD ASSEMBLY	Ground Rod, Wire & Clamp	Traffic Sign Plan Details Mat. Lab	Accept.	Proj. Engr. S 501	1/item	1 of each item Wire - 10 in. length	------	-----	9 days	Visual Inspection by Proj. Engr. Sample only if questionable. Coated steel hardware is not permitted.
DEAD END ROAD INSTALLATION	Hardware (Guard Rail)	729.02(e) 729.06 1010.10 Mat. Lab	Accept.	Proj. Engr. S 501	1/size/type/ shipment*	1 of each item**	CC 3	-----	10 days	*Sample not required if listed on CC for metal beam rail. **One piece of each size and type of hardware used is to be submitted.
	Guard Rail	729.02(e) 729.06 1010.08 Mat. Lab	Accept.	------	------	------	CC 3	------	------	Fabricator must file Brand Registration and Guarantee with Mat. Lab. Visual inspection by Proj. Engr.
	Steel Posts & Spacer Blocks	729.02(j) 1010.09(b) Mat. Lab	Accept.	------	------	------	CC 3	------	------	Visual inspection by Proj. Engr.
	Timber	729.02(f) 1014.01 Mat. Lab/ Const. Fab. Insp.	Accept.	------	------	------	CC 1 & 6	------	------	Visual inspection by Proj. Engr.

MATERIAL		REFERENCE / TESTED BY	PURP.	SAMPLED BY / METHOD	MIN. FREQ.	MIN. QUANT. / CONTAINER	CERT. / DISTR.	SMALL QUANTITY	TYPICAL HANDLING TIME	REMARKS
DEAD END ROAD INSTALLATION (Cont'd)	Wood Posts & Spacer Blocks	729.02(e) 1010.09(a) Mat. Lab/ Const. Fab. Insp.	Accept.	-----	-----	-----	CC 1	------	------	Visual inspection by Proj. Engr.
HARDWARE	Bolts, Nuts & Washers	729.02(d) 1015.02(c) Const. Fab. Insp.	Accept.	-----	------	------	CC 4	------	------	Smaller than 3/8 in.
		729.02(d) 1015.02(c)(1) Mat. Lab	Accept.	Const. Fab. Insp.	1/size/source	2 of each item*	CC 6	------	11 days	Larger than 3/8 in. *Two bolts, two nuts and two washers are to be submitted.
	Mounting Bracket, Strap, Seal	729.02(d) 1015.02(c) Const. Fab. Insp.	Accept.	------	-----	------	CC 4	------	-----	Visual inspection by Proj. Engr. Sample only if questionable.
	Rivets	729.02(d) 1015.02(c) Const. Fab. Insp.	Accept.	-----	------	------	CC 4	------	------	------
PILING	Timber	729.02(f) 1014 Mat. Lab/ Const. Fab. Insp.	Accept.	**INSPECTED, APPROVED AND STAMPED BY CONST. FAB. INSP. PRIOR TO USE. SEE SECTION 812 OF THIS MANUAL.**			CD 1 & 6	------	-----	Visual inspection by Proj. Engr.
POSTS (Sign, Marker & Delineator)	Flexible	729.02(h) 1015.03 Mat. Lab	Accept.	Proj. Engr. S 501	1/shipment* (not to exceed 500)	1 post	-----	------	10 days	(QPL 39 for delineator posts) *When sampled by Const. Fab. Insp. and listed on report to Proj. Engr., project samples are not required.
	Steel, U-Channel & Square Post for small signs	729.02(j) 1015.02(a)(3) const. Fab. Insp.	Verif.	Const. Fab. Insp. S 501	One/ shipment* (not to exceed 500 tons)	1 post	CC 1	-----	11 days	*When questionable, sampled by Const. Fab. Insp. random sampling by Const. Fab. Insp. for Quality Assurance.
	Aluminum, Steel, other than U-Channel & Square posts	1015.02(a)(1) 1015.02(b) 729.02(b) 729.02(c)	Accept.	**SEE STRUCTURAL STEEL & ALUMINUM IN SECTION 807 OF THIS MANUAL.**						

MATERIAL		REFERENCE / TESTED BY	PURP.	SAMPLED BY / METHOD	MIN. / FREQ.	MIN. QUANT. / CONTAINER	CERT. / DISTR.	SMALL / QUANTITY	TYPICAL HANDLING TIME	REMARKS
OBJECT MARKERS		1015 Mat. Lab	Accept.	-----	-----	-----	CC 1	------	-----	Visual inspection by Proj. Engr. Sample only if questionable.
REINFORCEMENT	Bars	729.02(b) 1009 Mat. Lab*	Accept.	Proj. Engr. S 501	1/size/ source**	48 in. length	CA 1	------	10 days	*Dist. Lab in Dist. 02. **If listed on QPL 71, material with a CA (Distr. 1) need not be sampled. Sample for verification if questionable.
	Stirrups	729.02(b) 1009.03 Mat. Lab*	Accept.	Proj. Engr. S 501	1/size/ source**	2 stirrups	CA 1	------	10 days	*Dist. Lab in Dist. 02. **If listed on QPL 71, material with a CA (Distr. 1) need not be sampled. Sample for verification if questionable.
SIGN MOUNTING		729.02 Const. Fab. Insp.	Accept.	**INSPECTED, APPROVED AND STAMPED BY CONST. FAB. INSP. PRIOR TO USE. SEE SECTION 807 OF THIS MANUAL.**			CA 4	------	------	Proj. Engr. receives report from Const. Fab. Insp.
SILK SCREEN PASTE		729.02(i) 1015.07 Mat. Lab	Accept.	Const. Fab. Insp.	1/lot/series/ color	9 in. x 9 in. panel*	------	------	10 days	*Reflectivity and color tested on a screened reflective sheeting panel.
TRAFFIC SIGNS & MILEPOST MARKERS	All Permanent Signs	729.07 Const. Fab. Insp.	Accept.	**INSPECTED AND APPROVED BY THE DEPARTMENTAL SIGN INSPECTION TEAM PRIOR TO ACCEPTANCE BY THE PROJ. ENGR.**			------	------	10 days	QPL 79 only. Visual inspection of all incidental Permanent Signs and Markers by Proj. Engr.
	Sign & Marker Sheeting, Paste, Paint and Overlay Film	729.02(a) 1015.05 1015.07 Mat. Lab	Verif.	Const. Fab. Insp. S 501	1/lot/type/ color	5 ft. ^{2}	CA 1	------	10 days	QPL 13 for reflective sheeting. When questioned by Proj. Engr., sample from original lot of reflective sheeting, paste, paint and /or overlay film to be obtained by Const. Fab. Insp. for testing. Random sampling by Const. Fab. Insp. For Quality Assurance
	Aluminum Panels & Shapes	729.02(c) 1015.02(b) 1015.04(a) Mat. Lab	Verif.	Const. Fab. Insp. S 501	1/thickness	1 ft x 2 ft	CA 1	------	10 days	When questioned by Proj. Engr., sample from original lot of aluminum panels and/or shapes to be obtained by Const. Fab. Insp. For testing. Random sampling by Const. Fab. Insp. for Quality Assurance.
WELDING		**SEE SECTION 815 IN THIS MANUAL.**								