

SECTION 729 TRAFFIC SIGNS AND DEVICES

MATERIAL		REFERENCE	PURP.	SAMPLED BY	MIN. FREQ.	MIN. QUANT.	CERT.	SMALL QUANTITY	TYPICAL HANDLING TIME	REMARKS
		TESTED BY		METHOD		CONTAINER	DISTR.			
BACKFILL (Soil)		725.05(c) 725.05(d) 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) 729.04(e)(3) 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(e) 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.

SECTION 729 TRAFFIC SIGNS AND DEVICES (Cont'd)

MATERIAL		REFERENCE	PURP.	SAMPLED BY	MIN. FREQ.	MIN. QUANT.	CERT.	SMALL QUANTITY	TYPICAL HANDLING TIME	REMARKS
		TESTED BY		METHOD		CONTAINER	DISTR.			
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	729.02(h) 1015.02(a)(3) Mat. Lab	Accept.	Proj. Engr. S 501	1/shipment* (not to exceed 500 tons)	1 post	-----	-----	11 days	*When sampled by Const. Fab. Insp. and listed on report to Proj. Engr., project samples are not required.

SECTION 729 TRAFFIC SIGNS AND DEVICES (Cont'd)

MATERIAL		REFERENCE	PURP.	SAMPLED BY	MIN. FREQ.	MIN. QUANT.	CERT.	SMALL	TYPICAL	REMARKS
		TESTED BY		METHOD		CONTAINER	DISTR.	QUANTITY	HANDLING TIME	
OBJECT MARKERS		1015 Mat. Lab	Accept.	Inspected, approved and stamped by Const. Fab. Insp. prior to use. See Traffic Signs & Milepost Markers.			CD 1 & 6	-----	11 days	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 Department's sign inspection team prior to use.			-----	-----	10 days	Proj. Engr. receives report from Const. Fab. Insp.
	Sign & Marker Sheeting	729.02(a) 1015 Mat. Lab	Accept.	Const. Fab. Insp. S 501	1/lot/type/ color	5 ft ²	CA 4	-----	10 days	(QPL 13)
	Aluminum Panels & Shapes	729.02(c) 1015.02(b) 1015.04(a) Mat. Lab/ Const. Fab. Insp.	Accept.	Const. Fab. Insp. S 501	1/thickness*	1 ft x 2 ft	CA 4	-----	10 days	Proj. Engr. receives report from Const. Fab. Insp. *Const. Fab. Insp. samples only if questionable.
WELDING		SEE SECTION 815 IN THIS MANUAL.								