

SECTION 401 AGGREGATE SURFACE COURSE

MATERIAL		REF.	PURP.	SAMPLED BY	MIN. FREQ.	MIN. QUANT.	CERT.	SMALL QUANTITY	TYPICAL HANDLING TIME	REMARKS
		TESTED BY		METHOD		CONTAINER	DISTR.			
AGGREGATES	Lime Treated Sand Clay Gravel, Shell, Stone, Recycled Portland Cement Concrete, Reclaimed Asphaltic Pavement, Crushed Slag	401.02 Dist. Lab	Accept.	Proj. Engr. S 101	1/1000 yd ³ / dedicated stockpile*	1 full sample sack	----	200 yd ³	5 days	(QPL 2 for stone) *For sampling on roadway, minimum frequency shall be 1 per 1000 lin ft per two lanes of roadway or 1 per 2000 lin ft per shoulder.
		401.02 Dist. Lab	I A	Dist. Lab S 101	SEE INDEPENDENT ASSURANCE PROGRAM S 701.					
AGGREGATES ON ROADWAY	Thickness & Width	401.08 Dist. Lab	Accept.	Dist. Lab TR 602*	----	----	----	300 lin ft	3 days	*For net section only.
		401.08 Dist. Lab	Accept.	Dist. Lab E.D.S.M. V.2.2.2*	----	----	----	300 lin ft.	3 days	*For vehicular measurement only. Requirements as listed in E.D.S.M. V.2.2.2., DOTD Record Test Measurements.
LIME (Hydrated and Quicklime)		401.02 1018.03 Mat. Lab	Prelim. Source Approval	Mfr.	1/month	1 gal Friction top can or acceptable moisture proof container	----	----	----	(QPL 34)
		401.02 1018.03 Proj. Engr.	Accept.	----	1/ shipment	----	CD 1 & 7	----	----	(QPL 34)
		401.02 1018.03 Mat. Lab	Verif.	Proj. Engr. S 102	1/project/ source*	1 gal Friction top can	----	----	21 days	(QPL 34) *Not required if sampled under another item.
SUBGRADE SOIL (New or Reconstructed)	Usable Soil*	401.04(b),(c) Dist. Lab	Accept.	Proj. Engr. S 401	1/1000 lin ft/ 2-lane rdwy or 1/2000 lin ft/ shoulder	1 full sample sack	----	100 yd ³	5 days	*See Specification Subsection 203.06. For existing shoulder or roadway, no sample is required.
	Density*	401.04(b), (c) Proj. Engr.	Accept.	Proj. Engr. S 401	1/1000 lin ft/ 2-lane rdwy or 1/2000 lin ft/ shoulder	----	----	----	½ hr.	*For existing shoulders or roadway, compaction will be to the satisfaction of the Proj. Engr.
WATER		401.02 1018.01 Mat. Lab	Accept.	Proj. Engr. S 303	1/source*	1 qt Plastic bottle	----	----	21 days	*Drinkable water need not be sampled.

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