

MATERIAL CODES FOR STRUCTURAL CONCRETE – 03-22-0740

(MATT System Menu Selection No: 17)						
Material Code						Description
1992		2000		2006		
Eng	Met	Eng	Met	Eng	Met	
402	502	602	702	802	902	COMP STRENGTH FOR CLASS 'A'
422	522	622	722	822	922	COMP STRENGTH FOR CLASS 'A'(M)
401	501	601	701	801	901	COMP STRENGTH FOR CLASS 'AA'
421	521	621	721	821	921	COMP STRENGTH FOR CLASS 'AA'(M)
403	503	603	703	803	903	COMP STRENGTH FOR CLASS 'D'
432	532	632	732	832	932	COMP STRENGTH FOR CLASS 'F'
431	531	631	731	831	931	COMP STRENGTH FOR CLASS 'M' (MINOR)
435	535	***	***	***	***	COMP STRENGTH FOR CLASS 'M' (PRECAST MINOR)
404	504	604	704	804	904	COMP STRENGTH FOR CLASS 'P'
424	524	624	724	824	924	COMP STRENGTH FOR CLASS 'P'(M)
***	***	625	725	825	925	COMP STRENGTH FOR CLASS 'P(X)'
414	514	614	714	814	914	COMP STRENGTH FOR CLASS 'R' (MINOR)
406	506	606	706	806	906	COMP STRENGTH FOR CLASS 'S'
408	508	***	***	***	***	COMP STRENGTH FOR CLASS 'X'
418	518	618	718	818	918	COMP STRENGTH FOR CLASS 'Y' (MINOR)
429	529	629	729	829	929	COMP STRENGTH FOR PAVT CONC (WITH AIR)
428	528	628	728	828	928	COMP STRENGTH FOR PAVT CONC (WITHOUT AIR)
***	***	650	750	850	950	COMP STRENGTH FOR PAVT CONC - TYPE B (WITH AIR)
***	***	640	740	840	940	COMP STRENGTH FOR PAVT CONC - TYPE B (WITHOUT AIR)
***	***	651	751	851	951	COMP STRENGTH FOR PAVT CONC - TYPE C (WITH AIR)
***	***	641	741	841	941	COMP STRENGTH FOR PAVT CONC - TYPE C (WITHOUT AIR)
***	***	652	752	852	952	COMP STRENGTH FOR PAVT CONC - TYPE D (WITH AIR)
***	***	642	742	842	942	COMP STRENGTH FOR PAVT CONC - TYPE D (WITHOUT AIR)
***	***	643	743	843	943	COMP STRENGTH FOR PAVT PATCHING - TYPE E (WITH AIR)
***	***	644	744	844	944	COMP STRENGTH FOR PAVT PATCHING - TYPE E (WITHOUT AIR)
434	534	***	***	***	***	COMP STR FOR APPROACH SLAB (NON-PILE SUPPORTED)
433	533	***	***	***	***	COMP STR FOR APPROACH SLAB (PILE SUPPORTED)
***	***	645	745	845	845	FLOWABLE FILL - EXCAVATABLE
***	***	***	***	846	946	FLOWABLE FILL - NON EXCAVATABLE

Note: Cylinders in Lieu of Cores

The following Material Codes are located in the Structural Concrete subsystem to provide for compute reentry when cylinders are made in lieu of taking cores for determining the compressive strength of pavement concrete:

1992 specs - 428, 429 (528, 529)

2000 specs - 640, 641, 642, 643, 644, 650, 651, 652 (740, 741, 742, 743, 744, 750, 751, 752)

2006 specs - 840, 841, 842, 843, 844, 850, 851, 852 (940, 941, 942, 943, 944, 950, 951, 952)