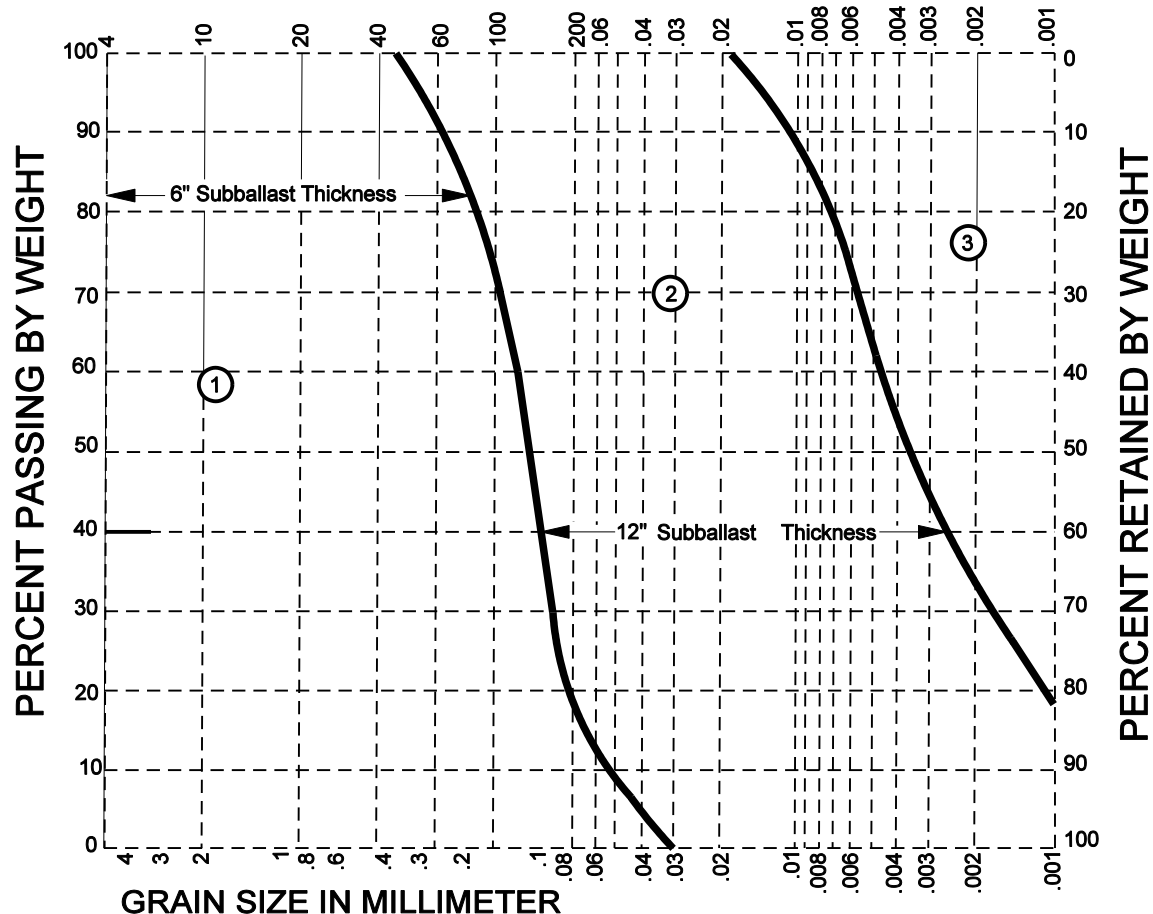


SIEVE ANALYSIS	HYDROMETER ANALYSIS
NUMBER OF MESH PER INCH. U.S. STANDARD	GRAIN SIZE IN MM



- ① Zone of subgrade materials requiring 6" of subballast.
- ② Zone of subgrade materials requiring 12" of subballast.
- ③ Additional measures will be required per recommendations of an engineering soils analysis.

SIEVE SIZE	GRADATION CURVE	
	6" LIMIT	12" LIMIT
No. 40	100	—
No. 60	92	—
No. 100	72	—
No. 200	19	—
.015	—	100
.006	—	72
.004	—	54
.001	—	19

PERCENT PASSING (BY WEIGHT)
[ALL AGGREGATE SAMPLING AND TESTING PER
ASTM LATEST REVISION.]

UNION PACIFIC RAILROAD ENGINEERING STANDARDS

GRAIN SIZE DISTRIBUTION FOR SUBGRADE SOILS



ADOPTED: JAN. 21, 2004
REVISED: FEB. 13, 2006
FILE NO.: 0013A

STD DWG
0013A