

ESTIMATES

Cement Stabilized Sand
1.5 tons/c.y.

QUANTITIES AND ESTIMATES

1. H.M.H.L. BLACK BASE
2. H.M.H.L. SURFACE COURSE
3. CRUSHED LIMESTONE (COMPACTED)

UNIT WEIGHTS APPROX. EQUAL: 146 PCF (1.98 TONS/C.Y.)
OR 110 LB/S.Y. FOR EVERY INCH OF THICKNESS

INCHES DEPTH (COMPACTED)	S.Y./TON	TONS/S.Y.
1	18.18	0.0550
1.5	12.12	0.0825
2	9.09	0.1100
3	6.06	0.1650
4	4.54	0.2203
5	3.64	0.2747
6	3.03	0.3300
7	2.60	0.3846
8	2.22	0.4505
9	2.02	0.4950
10	1.81	0.5525
11	1.65	0.6061
12	1.52	0.6579

CEMENT STABILIZED SAND UNIT WEIGHT = 110 PCF

TONS OF CEMENT FOR CEMENT STABILIZED SOIL @ 8% BY DRY WEIGHT

UNIT WEIGHT OF SOIL (PCF)	TONS/S.Y. FOR 6" THK.	TONS/S.Y. FOR 8" THK.
105	0.0189	0.0252
110	0.0198	0.0264
115	0.0207	0.0276
120	0.0216	0.0288

TONS OF HYDRATED LIME FOR LIME STABILIZATION @ 5% BY DRY WEIGHT

UNIT WEIGHT OF SOIL (PCF)	TONS/S.Y. FOR 6" THK.	TONS/S.Y. FOR 7" THK.	TONS/S.Y. FOR 8" THK.
105	0.0118	0.0138	0.0157
110	0.0124	0.0145	0.0165
115	0.0129	0.0151	0.0173

APPLICATION RATES:

PRIME COAT MC-30 (BETWEEN SUBGRADE & A.C): .25 TO .35 GAL/S.Y.

TACK COAT RC-250 (BETWEEN LAYERS OF A.C., OR FOR CONCRETE OVERLAY):
.05 TO .10 GAL/S.Y.

GYPSUM (CALCIUM SULPHATE): 88 LB/S.Y./INCH
\$12.20/TON IN 14 TON TRAILERS
\$10.92/TON IN 24 TON TRAILERS