

LAYERS OF IMPROVEMENT

New Dan Ryan ▶

The new design is to last more than 30 years.

CONCRETE: 14 inches of continuous steel reinforced concrete. The rebar is laid continuously in rods that are spaced 5 1/4 inches apart.

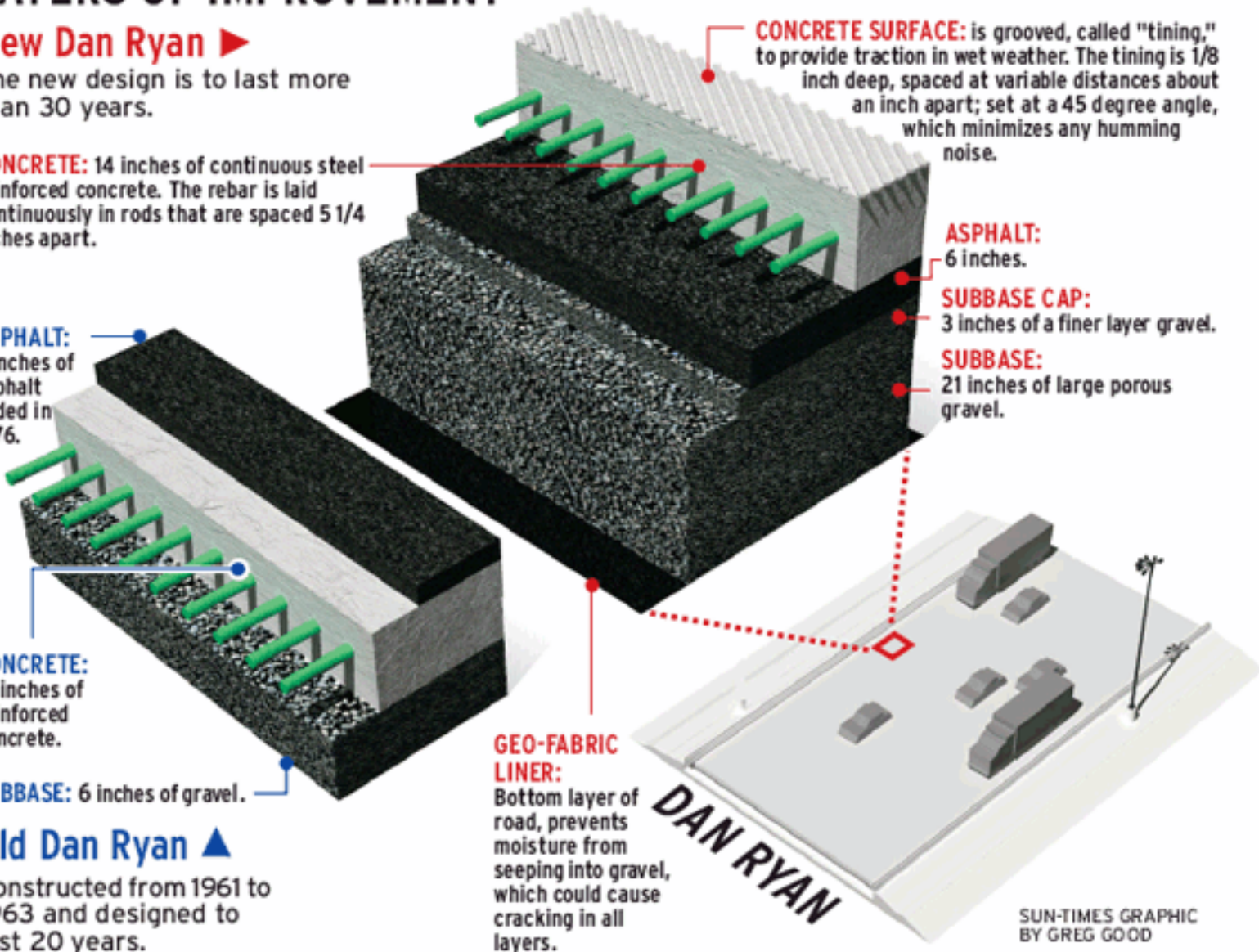
ASPHALT: 3 inches of asphalt added in 1976.

CONCRETE: 10 inches of reinforced concrete.

SUBBASE: 6 inches of gravel.

Old Dan Ryan ▲

Constructed from 1961 to 1963 and designed to last 20 years.



CONCRETE SURFACE: is grooved, called "tining," to provide traction in wet weather. The tining is 1/8 inch deep, spaced at variable distances about an inch apart; set at a 45 degree angle, which minimizes any humming noise.

ASPHALT: 6 inches.

SUBBASE CAP: 3 inches of a finer layer gravel.

SUBBASE: 21 inches of large porous gravel.

GEO-FABRIC LINER: Bottom layer of road, prevents moisture from seeping into gravel, which could cause cracking in all layers.