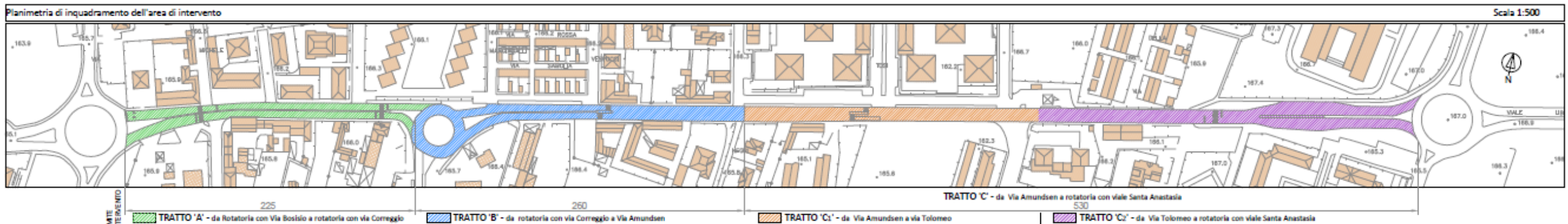


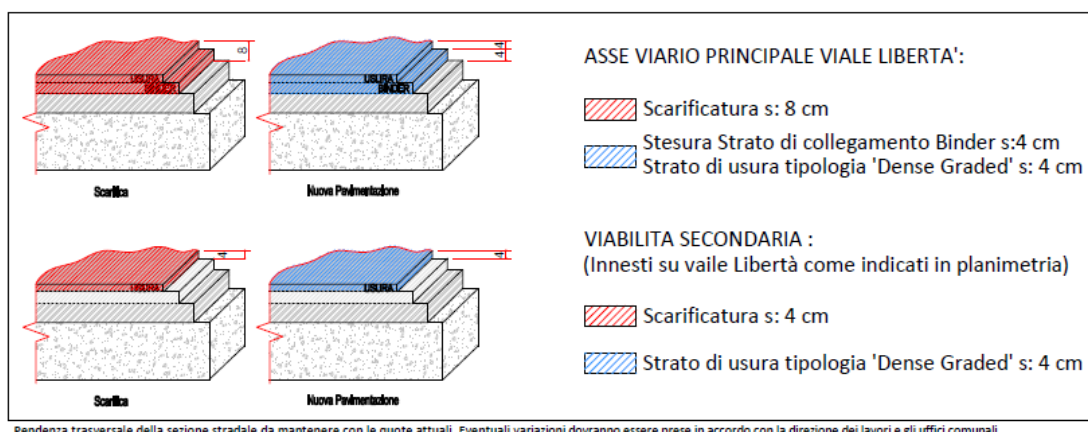
Objective

Laying of a new low-noise asphalt

Realization: September 2018



Particolare nuova pavimentazione stradale



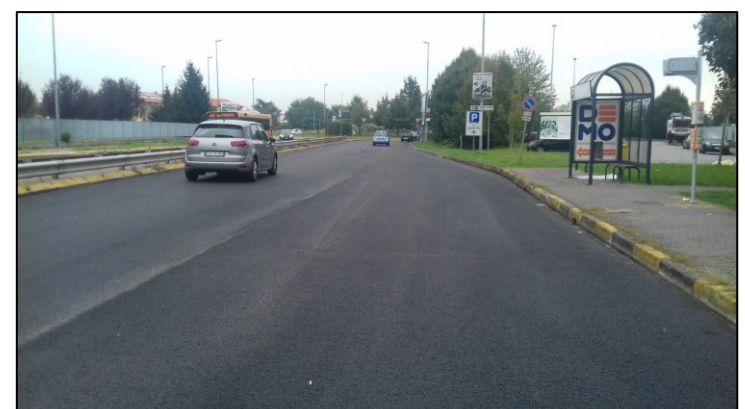
With the aim of reducing noise pollution in the pilot area of Viale Libertà in Monza, two main interventions were designed and implemented: the drafting of a new low-noise asphalt and the limitation of traffic to heavy vehicles.

The **laying of a new low-noise asphalt**, carried out in September 2018, has affected about 1 km of Viale Libertà. A **"dense-graded"** flooring with an optimized texture has been used as a wear layer. For this kind of asphalt, the **noise reduction of 3-4 dB (A) is expected in smooth traffic conditions** and an efficiency period of **at least 5 years**.

This type of road surface has been designed and tested by the Tuscany Region on provincial roads with smooth traffic characteristics within the "Progetto Leopoldo".

Intervention phases

- 1 Realization of traffic signage
- 2 Milling of the existing road surface
- 3 Put back manhole covers and grids
- 4 Laying of binder layer
- 5 Laying of wear layer
- 6 Horizontal road signs



Sections

