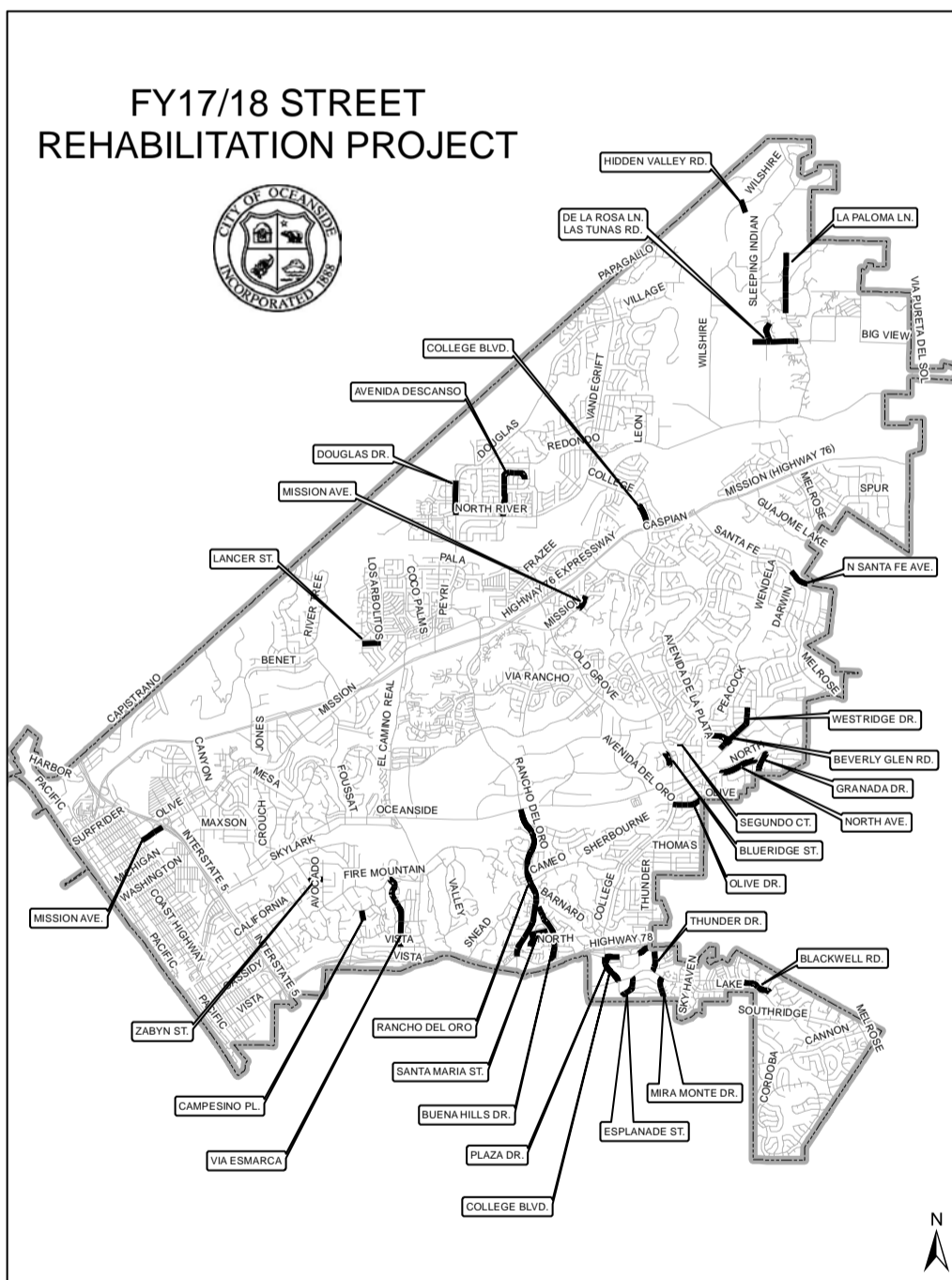


## UPCOMING STREET REHABILITATION PROJECTS

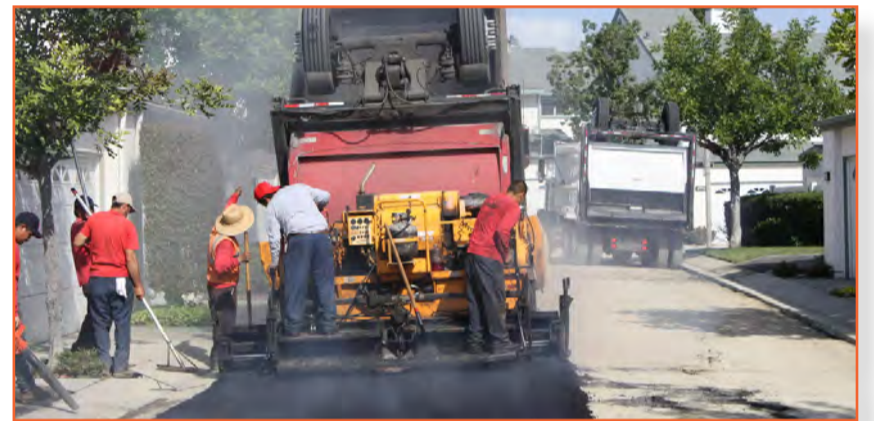
The City of Oceanside will soon be starting the annual street overlay project as part of the overall street rehabilitation program.

The City typically has two separate projects each year for street rehabilitation work. One is a paving project, where a contractor is hired to place a new layer of asphalt on the streets. Typically, this is a layer about two inches thick that contains liquid asphalt, sand, gravel, and rocks up to 3/4" in size. The other annual project is the Slurry Seal, which is a thin mixture of liquid asphalt and sand. Both treatments are designed to maximize the life of the public streets.

This PMP program analyzes data to determine which streets should receive what kind of treatment (slurry seal, overlay, or reconstruction) based on the amount of funding available. The various pavement treatments the City uses vary widely in cost; Slurry sealing is \$0.30 per square foot, overlaying is about \$1.40 per square foot, and street reconstruction is over \$7 per square foot. It is more cost-effective to apply slurry seals to streets with higher PCI's, than to spend limited funds on streets that require full reconstruction. A street requiring reconstruction is already in the "worst" shape, and the required rehabilitation will be the same in upcoming years. However, streets with a PCI of about 75 can be maintained with an inexpensive slurry. So dollars spent reconstructing a small number of streets can be used to maintain nearly 25 times as many streets, preventing those streets from deteriorating to the point of requiring overlay.



In 2013, all of the streets in the City of Oceanside were evaluated for their condition in the field by a specialized consultant utilizing electronic measuring equipment. The analysis of street conditions is part of the overall Pavement Management Program (PMP) that the City uses to plan its annual paving and slurry seal programs. The measurements are used to rate each street segment based on the condition and assign value, from 0 to 100, 100 being "perfect." This rating is called "Pavement Condition Index" (PCI). Currently, the average PCI of all Oceanside streets is less than 60. If the Oceanside street system were to be assigned a letter grade based on the average street condition, it would be an "F."



The goal of the Development Services Engineering Division is to increase the citywide PCI to 75. However, in order to maintain the average PCI where it is today, the City needs to spend a total of approximately \$7.5 million per year on the paving and slurry programs combined. To increase the average PCI, the City needs to spend over \$8 million per year on slurry sealing and paving. This year's upcoming slurry seal project will be approximately \$2.4 million, and cover approximately 8 million square feet. That translates to over 126 lane-miles of slurry sealing. The Slurry portion of the project is currently in the planning stages and will be constructed during the warmer months.



Some of the specifics:

- The Contractor is ATP General Engineering Contractors
- A \$6.3 million contract was awarded by City Council on September 20, 2017
- Project to include 30 lane miles of paving throughout the City of Oceanside

For questions, please contact Randall Bliss at 760.435.5110 or [rbliss@ci.oceanside.ca.us](mailto:rbliss@ci.oceanside.ca.us).