

## CASE STUDY

# N-12<sup>®</sup> Saves Time, Money on California Highway 50 Sacramento, CA

### OWNER

Caltrans District 3, Marysville, CA

### ENGINEERS

Caltrans District 3, Marysville, CA

### CONTRACTOR

Flatiron Construction, Concord, CA

### INSTALLATION DATE

2020

### PRODUCTS

3,500' (1,067 m) of 18" (450 mm) N-12

100' (31 m) of 24" (600 mm) N-12

200' (62 m) of 30" (750 mm) N-12

550' (168 m) of 36" (900 mm) N-12

### DESCRIPTION

The "Fix 50" Project is a collaborative effort between the Sacramento Transportation Authority, Sacramento Area Council of Governments (SACOG), Sacramento Regional Transit and Caltrans District 3. The project utilized funds from SHOPP, Sacramento Measure A and SB1.

The project consisted of storm drain improvements, pavement rehabilitation and HOV (High-Occupancy Vehicle) lanes to allow for improved connectivity and reliability of travel along the 50 Corridor in Sacramento.

N-12 pipe was utilized to provide storm drain solutions to the Flatiron Design/Build team. N-12 allowed for the successful completion of storm drain phases because reinforced concrete pipe (RCP) was bogged down by supply restraints and failed post-installation inspections.

N-12 was able to pass cost savings along to Caltrans through direct material costs, reduced transportation costs and speed of installation.

