



PIKES PEAK AVENUE REACHES SUMMIT WITH RINKER MATERIALS®
New Stormwater Management System Highlights \$17 Million Reconstruction

With portions of Pikes Peak Avenue 60 to 80 years old, the popular east-west transportation corridor in downtown Colorado Springs recently underwent a \$17 million rehabilitation. Funded by the Pikes Peak Rural Transportation Authority, the comprehensive four-phased project improved travel and public safety along a 1.3-mile stretch of Pikes Peak Avenue between Shooks Run Trail and Printers Parkway. In addition to reconstructing the existing roadway, sidewalks, curbs and pedestrian ramps, the aging utility infrastructure was replaced to include a new stormwater management system composed of reinforced concrete pipe (RCP) from Rinker Materials®.

More than 3,200 feet of RCP ranging in diameter from 42” to 84” was installed by Wildcat Construction based on plans and oversight from engineering consultant AECOM. The unique stormwater management system was designed with energy dissipators supported by customized RCP produced using high-strength concrete to withstand high velocity flows up to 40 fps. Completed in the fall of 2019, the 72” RCP was the predominate size material in the new stormwater management system at a total length of 1,900 feet long.



“This project gave us the opportunity showcase our ability to supply significant footage of large diameter pipe in multiple different sizes to handle high flow velocity capable of causing long-term scour and erosion problems,” said Brian Schram, P.E., Rinker Materials Sales & Marketing Manager in Denver. “Designers have to be mindful of the fact that even if the concrete pipe can handle high velocities, the open channel at the outlet may be more sensitive to high velocity storm water flow.”

