The city of El Paso was facing a major safety concern along Robinson Avenue and Kingery Drive. Due to poor drainage and excessive rain, rock would fall into the roadway creating hazardous conditions for the public. A solution was created utilizing Maccaferri’s Gabions to ensure proper drainage of the area and safety for those who traveled there.

Problem
Along Robinson Avenue and Kingery Drive in El Paso, Texas poor drainage and excessive rain often lead to rock fall from the hills surrounding the area, creating dangerous environment. Residents in the area recognized the need for a solution, but were reluctant towards construction in their community. The solution needed to not only be cost effective, but needed to be aesthetically pleasing to appease residents in the area.

Solution
Maccaferri worked with the designer, Moreno Cardenas Inc., to provide a solution that would be cost effective and aesthetically please to meet the demands of the surrounding neighbors. The solution was to utilize Maccaferri’s gabions to create a drop drainage structure, to promote drainage in the area without sacrificing design.

Client:
SAAB CONSTRUCTION

Main Contractor:
SAAB CONSTRUCTION

Designer:
MORENO CARDENAS INC.

Products used:
DOUBLE TWIST WIRE GABIONS

Date of Construction:
NOVEMBER 2016 - PRESENT (NOT COMPLETE)
What really sets this project apart is the craftsmanship the contractor practiced when installing the Gabions. Each basket was hand laced in lieu of utilizing Spanex rings (conventional method). The contractor hired rock masons for installation, and each basket and the rocks within are placed perfectly.

"The property owners in the area were against construction in general. The gabion structures turned out amazing and we have been complemented by several of the home owners, even ones who were in disagreement with the design in the first place!"

- Mark Medina, Engineer

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