

Talega, California

Storm Drain System



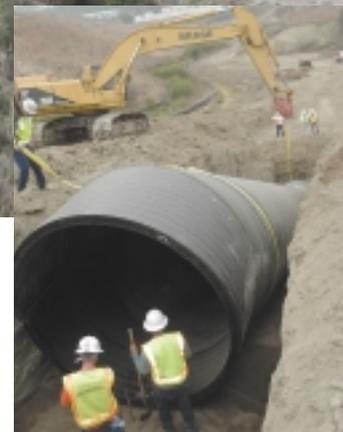
Storm drain system slithers like a snake down the incline for 6,700 feet.

Drainage and environmental concerns were paramount in planning the 3,500 acre mixed-use community of Talega, CA, on the eastern edge of San Clemente.

Without a highly flexible storm drain system, the development of Talega would have almost doubled runoff in the area and overwhelmed downstream natural drainage.

The Weholite “by-pass” system is directly adjacent to the Segunda Descecha creek which meanders for more than two miles through the community. The US Corp of Engineers required that the development of Talega not impact negatively on the creek or its unique surrounding vegetation.

Factors influencing pipe selection included potential soil movement, large diameter requirements, long lengths usable in tight construction areas, leak proof joints, lightweight and ease of shipping and handling, flexibility to accommodate some 75 bends in the system.



The system has 75 elbows with bend angles from 11° to 68°.

Project:
Storm Drain System

Owner:
Talega Associates

Application:
6,700 feet long
96" to 120" I.D.
Weholite Pipe
75 elbows with bend angles from 11° to 68°

Engineers:
RBF Consulting

Contractor:
Sukut Construction