Reduce future flooding disruptions
Affordable
Proven track record on projects ranging from $25,000 to $25,000,000+ in construction costs

Flood Protection Project Phases
- Click on a cross section to show different flood elevations, including the 10% (10-year), 2% (50-year), and 0.2% (500-year).
- View stream cross sections from hydraulic models used to create the FEMA floodplain maps.

FEMA 10-year, 50-year, 100-year, and 500-year frequency floodplain elevations and stream flood elevations are available for download. Walter P Moore can initiate a protocol of actions to take when certain predetermined thresholds are met. Our clients have experienced rapid and accurate modeling of possible events and potential solutions.

Dynamic model that starts processing the forecast to predict the flooding potential. The model output can be used to guide the design of the flood protection system. Based on the extensive damage that Tropical Storm Allison caused to the Texas Medical Center in 2001, Walter P Moore was in the midst of flood protection planning. The aftermath of this flood event spurred a need for better flood protection methods.

Walter P Moore’s Flood Protection Background
- Our project experience includes public, private, multi-family, institutional, educational, manufacturing, and medical clients. Flood project range include new projects, expansions, and renovation.
- Successful experience working with client’s FEMA consultant(s) to improve solution(s) and/or mitigate costs. This has helped various companies to provide engineering opinions and flood protection options.
- Historical identification of design criteria can be used to ensure that the product is adequate and in some cases physical testing of the barrier to design load to ensure durability and functionality.
- Walter P Moore works with many manufacturers of different pre-fabricated flood protection and installation of flood barriers. We provide special consulting services, as well as the required component maintenance and training.
- Throughout the project planning and execution, we specify protection elements around buildings in key areas, flood proofing building systems that involve strengthening or modifying buildings, adding new features or modifications to existing systems.
- Functional solutions that can be operated and maintained by the client.

The Walter P Moore Advantage
- Since 1931, Walter P Moore has become a leader in flood protection and installation of flood barriers.
- Historical identification of design criteria can be used to ensure that the product is adequate and in some cases physical testing of the barrier to design load to ensure durability and functionality.
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- Functional solutions that can be operated and maintained by the client.

Why Choose Walter P Moore®
- A universal approach to protection that considers regional variations.
- Knowledge on the design of these systems and can help bring this unique understanding to your project.
- Understanding where our design can address code issues, and reward, we establish the design parameters.
- Our clients have experienced rapid and accurate modeling of possible events and potential solutions.
- Dynamic model that starts processing the forecast to predict the flooding potential.

For optimal viewing and complete the simple registration process. For more information, visit www.flood.walterpmoore.com.

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