



# SOLUTIONS FOR CRITICAL INFRASTRUCTURE

## INFRASTRUCTURE TRAINING & SAFETY INSTITUTE



## TRAINING

Equipped to train via online, live-online webinar, face-to-face training as well as on-site, TEEX-ITSI can meet the training needs of your organization and community. We offer the technical training needed to keep communities running before, during, and after a disaster. By training to mitigate against natural and man-made disasters, a quick recovery is ensured. Training capabilities include technical training across various infrastructure fields including utilities, water and wastewater, heavy equipment and transportation.

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## SOLUTIONS

Be prepared and trained. We offer the expertise to highlight and improve areas that are lacking. This includes conducting risk assessments. We can also provide your community with customized exercises and training courses, materials, and curriculum. Additionally, we can provide a response plan and support.

## TECHNICAL ASSISTANCE

### RISK ASSESSMENT, DISASTER PLANNING, AND TRAINING DEVELOPMENT

#### SAFETY AUDIT

Safety professionals trained to meet OSHA and FEMA standards will assess procedures, policies, and facilities. Potential areas of risk will be addressed and gathered in a report. Potential plans and solutions to resolve any issues can be discussed.

#### EXERCISES

Subject matter experts will work directly with community officials to develop custom exercises, drills and tabletop simulations. These exercises will meet standards established by the Homeland Security Exercise and Evaluation Program (HSEEP) while addressing your community's specific needs.

#### PROBLEM SOLVING

Experts in OSHA and FEMA standards will provide consultations for communities and entities to develop the necessary training curriculum, exercises, and plans.

#### CONTRACT DISASTER MANAGEMENT

Experts experienced in dealing with real-world public works response to critical infrastructure disasters can provide their knowledge to guide your community.

#### PUBLIC WORKS

##### Emergency Operations Plans

Entity-wide plans developed through the assessment of assets and workshops with internal and external stakeholders including first responder groups. Plan writing includes improvements to current procedures and a review of curriculum and formatting. Plans are designed to meet the FEMA CPG\* standards for communities.

#### SITE RESPONSE/INCIDENT ACTION PLANS

Site response plans follow the same highly detailed approach with a focus on specific structure while considering the unique challenges of an individual site.

#### SITE HAZARD AND SAFETY ASSESSMENTS

Assessment of locations allows entities to understand and identify vulnerabilities and risks they may face when dealing with natural and man-made disasters. Assessment can answer questions such as:

- What preparations need to be made?
- What extent of preparation should be considered?
- What current response capabilities are in place?
- What gaps exist between current and needed capabilities?
- How can the capability gap be addressed?

A thorough review of current policies is conducted to ensure compliance with the latest standards. Any necessary changes or developments are conducted to ensure the safety of the site(s) meet FEMA standards.



## PRIOR WORK FOR PUBLIC INFRASTRUCTURE ENTITIES INCLUDES:

### PLANS

- Comprehensive District-wide Emergency Operations Plans
- Site-Specific Response Plans
- Continuity of Operations Plans
- Emergency response procedure handbook for employees

### TRAINING

- Custom critical infrastructure exercise programs, Public Works Response Incident Command and Operations Center training for staff
  - Standard Operating Procedures
  - Incident Action Plans
  - Emergency Operations Center Action Plans
  - Tabletop Exercises (TTX), drills, and more....

### ASSESSMENT

- Kickoff meeting
- Identifying possible natural and manmade hazards that may impact operations
- Report identifying gaps and mitigation strategies



TEXAS A&M ENGINEERING



EXTENSION SERVICE

## ITSI TRAINING FACILITIES

ITSI provides training through face-to-face, Live-online instructor lead training, and online modules and courses. Face-to-face training can be provided at TEEX facilities located in Bryan, Mesquite, and San Antonio. TEEX's facilities are equipped to train in Utilities, Heavy Equipment, small Unmanned Aerial Systems, and more.... TEEX instructors can also train on-site at your facilities and with our mobile training trailers.

## WHY TRAIN THROUGH TEEX?

The Texas A&M Engineering Extension Service (TEEX) is an internationally recognized leader in the delivery of emergency response, homeland security, workforce training and exercises, technical assistance, and economic development. TEEX services over 200,000 people from every U.S. state and territory and 133 countries worldwide.

The Infrastructure Training & Safety Institute (ITSI) is one of five divisions within TEEX. ITSI focuses on offering high quality training and technical assistance to meet the current and future needs of public and private sector professionals in the infrastructure, safety, health, and environmental fields.



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