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## **CONSTRUCTION STORM PREPARATION POLICY**

### **PART I: GENERAL**

- 1.1 The City of Friendswood has instituted a storm preparation policy to help protect citizens and property from damage due to loose construction materials driven by storm winds. Storms covered by this policy may be tropical disturbances, hurricanes, and systems of disturbed weather associated with weather front movements.
- 1.2 Storms from the Gulf of Mexico and systems of disturbed weather associated with fronts are preceded by a warning system from the National Weather Service that allows some time to prepare.

### **PART II: DEFINITIONS**

#### **2.1 WATCH**

- A. A National Weather Service notice indicating that a particular hazard is possible, i.e., that conditions are more favorable than usual for its occurrence. A watch is a recommendation for planning, preparation, and increased awareness (i.e., to be alert for changing weather, listen for further information, and think about what to do if the danger materializes).

#### **2.2 WARNING**

- A. A notice issued by the National Weather Service local offices indicating that a particular weather hazard is either imminent or has been reported. A warning indicates the need to take action to protect life and property. The type of hazard is reflected in the type of warning (e.g., tornado warning, hurricane warning, etc.)

#### **2.3 GALE AND STORM WARNINGS**

- A. Gale warning may be issued when winds of 39-54 miles an hour (34-47 knots) are expected. Storm Warnings may be issued when winds of 55-73 miles an hour (48-63 knots) are expected. If a hurricane is expected to strike a costal area, gale or storm warnings will not usually precede hurricane warnings.

#### **2.4 HURRICANE ADVISORY**

- A. A notice issued by the National Hurricane Center, numbered consecutively for each storm, describing the present and forecasted position and intensity. Advisories are issued at six (6) hour intervals at midnight, 6 a.m., noon, and 6 p.m., Eastern Daylight Time. Bulletins provide additional information. Each message gives the name, eye position, and intensity and forecast movement of the storm.

**2.5 HURRICANE WATCH**

- A. An announcement added to a hurricane advisory that hurricane conditions pose a possible threat to a specified coastal area within thirty-six (36) hours. A watch is used to inform the public and marine interests of the storms location and intensity, and movement.

**2.6 HURRICANE WARNING**

- A. A warning added to a hurricane advisory that sustained winds of 74 mph (64 knots) or higher associated with a hurricane are expected in a specified coastal area within twenty-four (24) hours or less. A hurricane warning can remain in effect when dangerously high water or a combination of dangerously high water and exceptionally high waves continue, even though winds may be less than hurricane force. A warning is issued to inform the public and marine interest of the storms location, intensity, and movement. The NHC chooses a distance of approximately 300 miles.

**2.7 SEVERE THUNDERSTORM WATCH**

- A. A notice that severe thunderstorms are possible in your area.

**2.8 SEVERE THUNDERSTORM WARNING**

- A. A notice that severe thunderstorms are occurring.

**PART III: EXECUTION**

**3.1 PHASE 1 – ALERT/WATCH PHASE**

- A. This phase shall go into affect with a call and Fax from the City of Friendswood to the Contractor. The Contractor’s superintendent on site shall also be informed and the Project Manager shall go over the steps that shall to be taken. This shall be initiated when The National Weather Service issues a watch or warning indicating a Gulf storm system or a severe weather front exists and poses a “potential” threat to the Friendswood area.
- B. The following actions shall be taken during an Alert/Watch Phase:
  - 1. The Contractor shall immediately undertake cleanup operations at the job site.
  - 2. Make preparations to remove all debris and trash from the site.
  - 3. Stack and secure other materials that are subject to wind movement.
  - 4. Make preparations to back-fill all excavations and secure all equipment.
  - 5. Secure all facilities such as trailers, port-a-cans, tool sheds, etc.
  - 6. Doors and windows are to be closed and locked.

**3.2 Phase 2 – Threat / Warning Phase**

- A. When Friendswood is within the predicted impact area as in the path of a severe weather front, or in the path of a hurricane, additional

preparation must be made. Phase Two (2) shall go into affect with a second (2nd) call from the City of Friendswood to the contractor.

- B. The following action shall be taken during a Threat/Warning Phase:
1. The Contractor shall immediately suspend ALL building operations.
  2. All materials shall be tied down to resist the reported National Weather Service probable winds. Always assume the worst-case wind.
  3. Any materials that are not tied down shall be stored in heavy containers or carried off the job site.
  4. If structures are partly finished, storm bracing shall be added to withstand the probable storm winds.
  5. All windows are shall protected from flying debris and wind damage.
  6. All equipment shall be stored or removed from the job site to a safe place.
  7. Trailers, port-a-cans, and any other facilities shall be tied down.
  8. All excavations shall be covered.
  9. All incomplete work shall be stabilized.
  10. Take necessary precautions against rising water – some sites may be in flood prone areas.

### 3.3 TRAFFIC CONTROL DEVICES

- A. All Traffic Control devices for the project shall be in place and in good condition. Traffic Control Devices are **NOT** to be secured or extra weight added to hold them in place. Traffic Control Devices are to remain as originally placed and within the guidelines of the TMUTCD.
- B. All Traffic Control signage shall be cleaned for visibility, and if not up to current TMUTCD standards shall be replaced.

### 3.4 NOTIFICATION CONTACTS

- A. Each Contractor shall provide and maintain a contact name and two Alternates with day and night telephone numbers to The City of Friendswood for these emergency notifications.

This is to certify that the officers and operating management of [INSERT CONTRACTOR NAME] have read and acknowledge understanding of and agreement with the provisions of the City of Friendswood, Storm Policy, and the implementing procedures related thereto. The emergency contacts listed below have been given copies of this policy and instructed in the procedures contained herein.

This certification confirms our obligation to comply with the above-named policies and we further acknowledge and agree that our failure to comply with the provisions thereof shall constitute a material breach of that certain Contract dated [INSERT MONTH] [INSERT DATE], [INSERT YEAR] by and between the aforescribed and the City of Friendswood, Texas.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Company Name

**COMPANY CONTACTS:**

\_\_\_\_\_  
Contact #1 Name

\_\_\_\_\_  
Contact #2 Name

\_\_\_\_\_  
Daytime Phone Number

\_\_\_\_\_  
Daytime Phone Number

\_\_\_\_\_  
Nighttime Phone Number

\_\_\_\_\_  
Nighttime Phone Number

\_\_\_\_\_  
Contact #3 Name

\_\_\_\_\_  
Daytime Phone Number

\_\_\_\_\_  
Nighttime Phone Number

**CITY OF FRIENDSWOOD CONTACTS:**

Contact #1 Name  
[INSERT DIRECTOR NAME]  
Director of [INSERT DEPARTMENT]  
(281) [INSERT YOUR NUMBER]  
Daytime Phone Number

Contact #2 Name  
[INSERT SUPERVISOR NAME]  
[INSERT TITLE]  
(281) [INSERT YOUR NUMBER]  
Daytime Phone Number

Contact #3 Name  
[INSERT YOUR NAME]  
[INSERT YOUR TITLE]  
(281) [INSERT YOUR NUMBER]  
Daytime Phone Number

Any nighttime contact will be made via Police Department Dispatch at (281) 996-3300.

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