



## **PERMIT REQUIREMENTS FOR CRANE OPERATION IN RIGHT-OF-WAY**

### **Engineering – 700 NW 19 Avenue Fort Lauderdale, FL 33311 (954) 828-5649**

The following information intends to clarify the responsibility of the Contractor to ensure that adequate consideration has been given to the issue of crane loadings, stability, and ground bearing capacities in the rights-of-way under City of Fort Lauderdale's jurisdiction. For cranes weighing greater than 10,000\* pounds, the contractor shall provide a building permit application with the following attachments:

- A scale drawing such as a site plan, topographic survey, aerial, etc. showing 1) the exact location and dimensions of the area within which the crane will be permitted to operate (Crane Area); 2) All utilities and overhead lines (including abandoned utilities) within 15 feet of the Crane Area; 3) The maximum allowable extension of the jib and limits of jib's radial arc.

The Applicant shall mark the Crane Area in the field with white paint dots to identify the four corners. The jib radial arc shall be limited to the right-of-way and applicant's property and shall not extend over any other private property. The scale drawing shall include easily identifiable topographic features and reference points in the field so that the Crane area and jib radius can be verified by the City's Inspectors.

- A report signed and sealed by a geotechnical engineer certifying that the surface (asphalt & concrete) and subsurface materials in the vicinity of the Crane Area will support the maximum anticipated loads (crane weight & lifting) and jib extension specified in the permit, including the effects of dynamic loading. The report shall also certify that the subsurface conditions in the vicinity of the Crane Area has been verified with: geological survey using Ground Penetrating Radar (GPR) to ensure there are no voids or structure, pipes, utilities, etc. that may cause unanticipated settlement or structural failure.
- A detail sheet containing crane specifications (weight, height) maximum allowable jib extension, maximum allowable lifting load, details of padding to be used under outriggers, materials to be moved and respective weights.
- Maintenance of Traffic (MOT) Plan. A three-day maximum closure will be allowed with City Manager's approval. Closures more than three days shall require a revocable license approved by the City Commission. An MOT Plan that requires a detour for any direction of travel shall be considered a closure.
- Hold harmless letter (on City's standard form) signed by the property owner, contractor, and crane operator.



## SUSTAINABLE DEVELOPMENT – URBAN DESIGN & PLANNING

### PERMIT REQUIREMENTS FOR CRANE OPERATION IN RIGHT-OF-WAY

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- Surety or cash bond as security for repair of any damage that may occur in the public right-of-way.
- Insurance certificate naming the City of Fort Lauderdale as additional insured. The certificate shall as minimum include 1) a general liability of \$1,000,000, 3) aggregate liability of \$2,000,000, 3) excess/umbrella liability of \$2000,000, 4) automobile liability of \$1,000,000, and 5) Workers compensation and employer liability of \$1,000,000.

**Note:** \*Provide only a hold harmless agreement insurance and a bond to City for cranes weighting less than or equal to 10,000 pound.