



City of Carson Report to Mayor and City Council

February 1, 2011
New Business Consent

SUBJECT: CONSIDERATION OF RESOLUTION NO. 11-015, ADOPTING THE ENHANCED ELECTRICAL SAFETY POLICY TO ENHANCE JOB SAFETY AND SAFETY OF ELECTRICAL WORK ON CAPITAL IMPROVEMENT PROGRAM CONSTRUCTION PROJECTS

Submitted by M. Victor Rollinger
Development Services General Manager

Approved by Clifford W. Graves
Interim City Manager

I. SUMMARY

This item is on the agenda at the request of Mayor Dear.

Job safety is of utmost importance on all city Capital Improvement Program (CIP) construction projects. Adoption of an Enhanced Electrical Safety Policy will ensure that adequately trained electrical workers are utilized on all CIP projects.

II. RECOMMENDATION

WAIVE further reading and ADOPT Resolution No. 11-015, "A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CARSON, CALIFORNIA, adopting an Enhanced Electrical Safety Policy for City of Carson's CIP projects."

III. ALTERNATIVES

TAKE another action the City Council deems appropriate.

IV. BACKGROUND

Staff was instructed to investigate and provide recommendations for implementation of an Enhanced Electrical Safety Policy for city CIP projects. The California State License Board currently requires that electrical work be performed under permit to an electrical contractor holding a valid "C-10" California Electrical Contractor's License. The California State License Board also requires that anyone who performs work as an electrician for C-10 electrical contractors be certified by the Division of Apprenticeship Standards. By setting minimum standards for the number of jobsite electrical workers that are graduates of a state of California approved Electrical Apprenticeship Program, and the number of electricians that are CAL-OSHA General Safety and Health Certified, the Enhanced Electrical Safety Policy will further promote electrical safety for workers and the general public, quality in electrical construction, and safety education on all city CIP projects.

Staff has prepared a resolution (Exhibit No. 1) adopting an Enhanced Electrical Safety Policy and recommends that the City Council adopt this resolution.

V. FISCAL IMPACT

There is no significant funding impact. This policy implementation increases the administrative responsibilities for contractors for the city. Those costs are expected to appear as marginally increased project overhead.

VI. EXHIBITS

- 1. Resolution No. 11-015. (pgs. 3-6)

GA\ENGINEERING DIVISION\PROJECTS\ENHANCED ELECT. SAFETY POLICY\2-01-11 CC_ADOPTION OF ENHANCED ELECT. SAFETY POLICY.docx

Prepared by: Kit Bagnell / Gilbert Marquez

TO:Rev010511

Reviewed by:

| | |
|--------------------------------------|-----------------------------|
| City Clerk | <u>City Treasurer</u> |
| <u>Administrative Services</u> | <u>Development Services</u> |
| <u>Economic Development Services</u> | <u>Public Services</u> |

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| Action taken by City Council | |
| Date _____ | Action _____ |
| | |

RESOLUTION NO. 11-015

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CARSON, CALIFORNIA, ADOPTING THE ENHANCED ELECTRICAL SAFETY POLICY FOR CITY OF CARSON'S CAPITAL IMPROVEMENT PROGRAM PROJECTS

WHEREAS, it is in the best interest of the City of Carson to enhance job safety and safety of electrical work on Capital Improvement Program construction contracts; and

WHEREAS, enhanced job safety can be accomplished by ensuring that adequately trained electrical workers are employed and that an appropriate ratio of apprentices to journeyman is used on Capital Improvement Program construction contracts.

NOW, THEREFORE, the City Council of the City of Carson does hereby resolve as follows:

Section 1. That this City Council hereby adopt the following "Enhanced Electrical Safety Policy" (Exhibit "A") to enhance job safety and safety of electrical work on Capital Improvement Program construction projects.

- A minimum of 70 percent of all "Journeymen Wiremen" shall be graduates of a State of California Approved Electrical Apprenticeship Program or hold a current, valid "C-10" California Contractor's License issued by the State of California.
- A minimum of 20 percent of the jobsite electrical workers shall be OSHA 10-hour General Industry Safety & Health Certified.
- At least one jobsite electrical worker shall be OSHA 30-hour General Industry Safety and Health Certified.

Section 2. That this City Council hereby finds and determines that in order to assist in attainment of the goal of enhanced job safety on construction projects, the staff is directed to prepare an implementation plan for enhanced electrical safety for the City of Carson consistent with the foregoing Policy, and implement such Policy in accordance with the implementation plan.

Section 3. The City Clerk shall certify to the passage of this resolution by the City Council of the City of Carson, and shall cause the same to be posted in three conspicuous places in the City of Carson, and it shall thereupon take effect.

PASSED, APPROVED, and ADOPTED this 1st day of February, 2011.

Mayor Jim Dear

ATTEST:

City Clerk Helen S. Kawagoe

APPROVED AS TO FORM:

City Attorney



EXHIBIT "A"

ENHANCED ELECTRICAL SAFETY POLICY

1. Applies to all city's Capital Improvement Program construction project.
2. Applies to all projects designated as requiring "Enhanced Electrical Safety Criteria".
3. The contractor is responsible for ensuring that the workforce performing electrical work, as defined by the policy, meets the following criteria:
 - 70 percent of all "Journeyman Wiremen" shall be graduates of a State of California Approved Electrical Apprenticeship Program
 - or
Hold a current, valid "C-10" California Contractor's License issued by the State of California.
 - 20 percent of the jobsite electrical workers shall be OSHA 10-hour General Industry Safety & Health Certified.
 - At least one jobsite electrical worker shall be OSHA 30-hour General Industry Safety and Health Certified.
4. Electrical work is to be performed only by the following:
 - Journeyman Electrician
 - Holder of a current, valid C-10 Contractor's License issued by the State of California
 - Transportation System Electrician
 - Transportation System Technician
 - Apprentice currently enrolled in a State of California approved Electrical Apprenticeship Program under the supervision of a Journeyman Electrician.
5. Electrical Work is defined as the following:

"Placement, installation, erection, or connection of any electrical wires, fixtures, appliances, apparatus, raceways, conduits, solar photovoltaic cells, or any part thereof, which generates, transmits, transforms, or utilizes electrical energy in any form or for any purpose."

 - The definition of "electrical work" applies to all electrical work, regardless of voltage or amperage.
6. Electrical Work as defined by the policy, does not include any of the following:
 - Trenching
 - Boring or jacking of conduit



- Delivery of materials to or around the jobsite
- Staging of materials/equipment
- Loading or unloading of transports
- Rigging of materials
- Backfill of trenches
- Resurfacing of trenches

7. The contractor is responsible for planning and implementing the policy.

- Prior to start of electrical work, the contractor/subcontractor must complete form acknowledging compliance with the Enhanced Electrical Safety Policy and forward it to the Project Engineer.
- Prior to the start of electrical work, the contractor/subcontractor must provide proof of compliance upon request of the Project Engineer.
 - Proof of status as a Journeyman Electrician (or)
 - Proof of status as holder of a current, valid C-10 Contractor's License issued by State of California
 - Proof of enrollment in a State recognized apprenticeship program
 - Proof of required Cal OSHA Safety and Health Certification

