FACE IT: Report Visual Extension
City Electric Maintenance Worker Electrocuted While Installing Lines for Security Cameras – Ohio (FACE 2019-01)

Freightliner M2 Aerial Lift Boom Truck
(Photo courtesy of the City)
SUMMARY

• A 48-year-old city electric maintenance worker was electrocuted, while installing lines for security cameras along a residential area cul-de-sac.

• The electric maintenance worker got in the basket and raised it to begin pulling some triplex service wire and installing it on the security pole.
SUMMARY

- It is believed the worker did not realize his proximity to the power lines while performing this task and contacted his right shoulder with the energized power line.
CONTRIBUTING FACTORS

- Proximity to energized power lines
- Placement of bucket truck and pole
- Lack of lone/remote worker assignment safety assessment
- Lack of hazard identification and situational awareness
- Non-typical job task
- Lack of safety standard operating procedures
- Lack of appropriate PPE
- Lack of training
RECOMMENDATIONS

• Employers should:

  • Determine appropriate safety distances while working near electrical power line hazards
  
  • Develop, implement, and train on hazards, safety, and communication plans for lone workers

Lighting poles along street
(Photo courtesy of the Public Employment Risk Reduction Program)
RECOMMENDATIONS (Continued)

• Employers should:
  
  • Provide competent and qualified person training to enable workers in high-risk occupations to assess routine and non-routine job tasks for job site hazards to determine appropriate safety precautions and PPE.

New camera pole at end of cul-de-sac
(Photo courtesy of the Public Employment Risk Reduction Program)
RECOMMENDATIONS (Continued)

• Employers should:

  • Implement pre-work hazard identification with corrective action/peer-check, self-check and daily safety talks that address hazard recognition and avoidance of unsafe conditions

  • Develop periodic and regular testing, inspection and maintenance of elevated work platforms

  • Train and evaluate employees on the selection, inspection, and safe operation of elevated bucket trucks

  • Identify and establish safe work practices such as lockout/tagout (LOTO) procedures
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Download the full report: https://www.cdc.gov/niosh(face/pdfs/full201901.pdf
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