



## CITY OF SAINT PAUL

DEPARTMENT OF SAFETY AND INSPECTIONS

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**Bulletin 2018-01**

### **DETACHED GARAGE WIRING** **(One and Two-family Dwellings)** **NEC 2017 - 210.11(C)(4)**

The City of St. Paul will enforce NEC 210.11(C)(4) for detached garage wiring (one and two-family dwellings) when using a branch circuit to supply the detached garage as follows:

**New Garage:** For a brand new detached garage, both the garage wiring and the branch circuit wiring to the garage shall comply with all provisions in the current 2017 NEC.

**Replacement Garage:** For a replacement garage (defined below), the garage structure would be required to be wired in accordance with the current NEC. The existing branch circuit wiring to the garage can be re-used if it was code compliant at the time of installation, it's sized correctly for the electrical load in the garage, has the proper overcurrent protection, and the existing wiring method is complete to the garage structure (no underground splices to extend the existing branch circuit).

Replacement Garage: A garage of the same width and length as the original garage being replaced. The replaced garage can be on either the existing concrete slab, or on a newly replaced concrete slab. The dimensions of the original garage and the replacement garage must be detailed on the electrical permit. All other newly constructed detached garages will be treated as a New Garage, and NEC 210.11(C)(4) will apply to the branch circuit feeding the garage.

**Existing Garage:** If the underground electrical supply to an existing detached garage is replaced for any reason, the replacement of the branch circuit wiring to the garage with new electrical wiring would be required to comply with the current 2017 NEC. The existing electrical wiring in the garage would not be required to be brought up to current 2017 NEC standards at this time.

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