



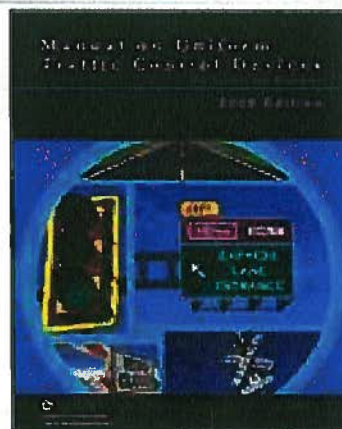
## City Council Ordinance No. 2016-245

*“To erect all-way stops at the intersection of Parkwood Ave. and S. Randolph St.”*



## Manual on Uniform Traffic Control Devices

- Published by the Federal Highway Administration and is nationally recognized and adopted by all fifty states as the standard for the installation of traffic control devices.
- An engineering study is required to determine the need for traffic control devices.
- Traffic volumes, crash history, operating conditions and physical characteristics are collected and compared to the warrants or “conditions” found in the MUTCD.
- This is done to insure consistency in guidance and warning throughout the highway system, which promotes the orderly, safe, and predictable flow of traffic on all roads.





## **Certain laws require localities to use the MUTCD to determine the need for all-way stops**

- United States Code Title 23
- State Code Section 46.2-830
- City Code Section 2-454



## **Multi-way stop signs - usage**

- Multi-way stop signs should ordinarily be used only where the volume of traffic on the intersecting roads is approximately equal.
- Furthermore, the installation of Multi-way stops must also meet the conditions set forth in the MUTCD.
  - These conditions generally include:
    - A certain number of vehicles on the major street and on the minor street for the same eight hours of an average day or;
    - An interim measure for locations where traffic signals are needed or;
    - An accident problem with five or more "angle" type crashed in a twelve month period.

## MUTCD Review/Recommendations

- Parkwood and Randolph does not meet the MUTCD criteria for all-way stops
- The traffic volumes on Parkwood as compared with Randolph are not approximately equal. Parkwood has roughly four times as much traffic than Randolph.
- DPW does not recommend an all-way stop

## Measures taken/planned

- Chokers were installed on Parkwood at Randolph



- No parking signs were installed on Parkwood near the intersection to improve sight distance
- Stop signs on Randolph are planned for replacement
- All crosswalks and stop bars are planned for retracing



## Parkwood – Intersection sight distance

