



## ROADWAY IMPROVEMENTS

### ***Options to Proceed:***

1. Motion to install the full intersection conflict system at Hillcrest
2. Motion to install a warning sign as you approach Hillcrest
3. Table and explore other options

***Requested Action:*** Staff also requests feedback on the idea of parallel parking spaces on E. College

## SUMMARY

Staff has been working on the intersection conflict system at Hillcrest and E. College since we previously discussed this opportunity. DOT declined to assist financially with the project as incidents at that intersection were too few. The final implementation of what we originally discussed has gone through several iterations, but there are two options for Council to consider.

The option most similar to what we originally discussed would be a combination of a wireless and wired system. A flashing warning sign will be placed further east of Hillcrest to warn motorists that a “blind” intersection is ahead. A sign with two lights will be across from the stop sign at Hillcrest and will flash as a vehicle passes the warning sign on E. College. The communication between the signs will be wireless. The flashing beacons across from Hillcrest will be wired through a new connection with Duke Energy. The warning sign on E. College will be solar-powered. This option is \$11,500.

The other option is to place the warning sign further east on E. College and not install the flashing beacons across from Hillcrest. This would still warn motorists of the hidden intersection ahead. It would not give the cars pulling out of Hillcrest a warning about vehicles approaching. This option would be \$1,500.

On a related note, staff has been exploring additional options for slowing vehicles down as they pass through downtown. Studies show that a visually narrower street (created with pedestrian crossings, parked vehicles, curbs, street trees, etc.) will cause motorists to instinctually slow down. We want to explore the possibility of adding parallel parking spaces in front of Town Hall on E. College. There are already a couple of spaces in front of Turner Trucking that are closer to the intersection. The goal would be to make this area seem narrower and decrease the speed of vehicles. DOT is looking into the possibility (truck traffic is a concern of theirs), but if they approve of the concept, staff could move forward if Council would like to do that.

## MATERIALS PROVIDED

- **Parallel Spaces Rendering**