



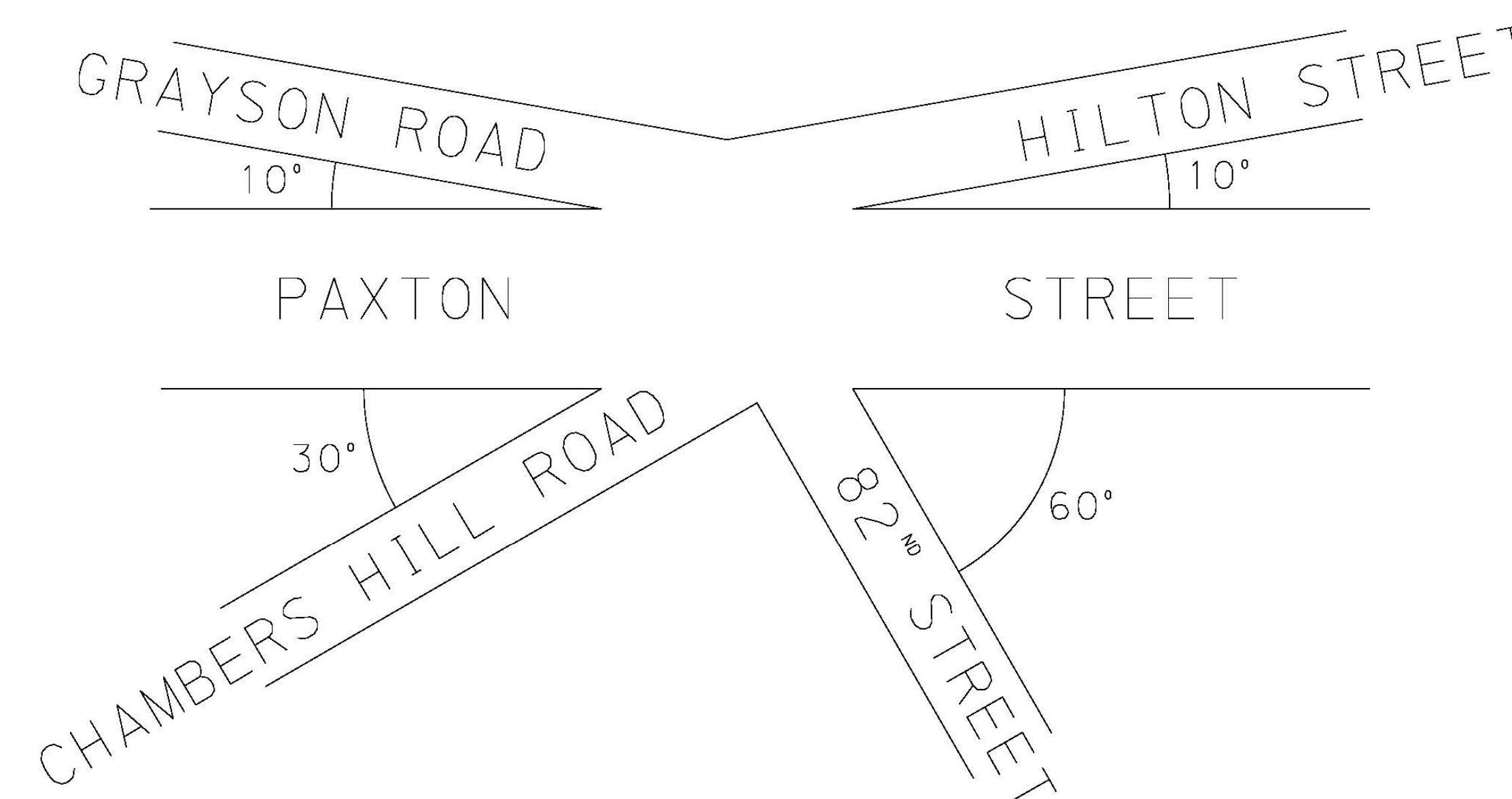
# EXISTING ROADWAY CONDITIONS

## ■ GRADES ARE SEVERE:

- SR 2019 (Grayson Road) - 9.7% (Design Criteria Recommended Maximum is 8%)
- SR 2019 (Milroy Road) - 13.7% (Recommended Maximum is 8%)
- SR 3006 (Chambers Hill Road) - 10.7% (Recommended Maximum is 9%)

## ■ ANGLE OF APPROACH ROADS ARE SEVERE:

- Design Criteria – Greater than 60° is Desired
  - SR 2019 (Grayson Road) - 10°
  - Hilton Street - 10°
  - SR 3006 (Chambers Hill Road) - 30°
  - 82nd Street - 60°



## ■ POOR CAPACITY

- Main Intersection (existing)
  - Level of Service (LOS) = F (the worst grade)
  - +100 seconds per vehicle delay (both in the AM and PM peak periods)
  - Gets worse over time
- Grayson Road and Milroy Road Intersection is “Gridlocked” at times
  - LOS F in the PM