

Top Ten Review Comments:

1. Pavement Design UDC 35-506(p)(5): The construction documents do not adequately address varying roadbed soil conditions. The plans fail to stipulate the location of and the modified pavement design for soil transition areas.
2. Wheelchair Ramps UDC 35-506(o)(1): Wheelchair ramps are not individually designed and positioned based upon elevation change, curb radius, street intersection angle or stop sign location.
3. Clear Vision Easements UDC 35-506(d)(5): Engineering documents generally do not indicate a clear vision easement on the plat or plans. The design of street intersections routinely omits this factor, resulting in a major loss of corner lot utilization.
4. Non-access Easement UDC 35-506(e)(6): Most construction documents do not show the one foot non-access easement required to prevent vehicular movement onto a roadway with high traffic volumes.
5. Interior Streets UDC 35-506(d)(1): Construction documents do not always take into account street types and intersection angles resulting in incorrect minimum radii for curb and property line returns.
6. Vertical Curvature & Grade UDC 35-506(d)(2/3): Street grades greater than the maximum and sight distances less than the minimums are common errors on construction documents.
7. Turning Radius UDC 35-506 Figure 505-1: The minimum turning radius of fire trucks is frequently ignored during the design of intersections and placement of traffic islands.
8. Street Signage UDC 35-506(h)(4): Submittals routinely contain an excess of regulatory signs, a shortage of information signs and a general lack of detail on existing signage that could be adversely impacted by construction operations.
9. Sidewalk/Driveway/Curb Details: The standard details almost always have corrections on such items as the requirement for Class A concrete, non-use of sand base under concrete structures, incorrect slopes/flares on driveways and incorrect base thickness under curbs.
10. Standard Dimensioning: Plats and plans are often missing such dimensions as intersection angles, curb/property line radii and full/half pavement notations