



# Concrete and Asphalt Requirements for Private Infrastructure

PDS

Engineering Services Division

ES Policy # 3-05

**Private infrastructure outside street right-of-way and public easements** is not required to use the standard Overland Park mix design for concrete or asphalt. Because these facilities are privately owned and maintained, alternate pavement mix designs may be used provided that the mix design meets the requirements set forth by the City.

## **Driveways, Parking Lots, Sidewalks, Curb, and Gutter:**

Alternate concrete and asphalt mixes can be used for these private facilities. If the design engineer specifies the standard Overland Park mix designs for privately owned and maintained facilities, the City inspection staff will enforce this standard during construction. If the contractor wishes to use an alternate mix design in the field, the design engineer must approve the use of an alternate mix design. Any alternative mix designs shall meet the requirements set forth by the City in the Overland Park "General Technical Specifications for Privately Funded Public Infrastructure", Sections 02711 and 02750, and 03050.

## **Private Streets:**

Designated private streets are an exception. Private streets must use the standard Overland Park concrete mix design or asphaltic concrete mix design. Although they are designated as "private" streets, there is the possibility that the City will take over the ownership and maintenance of these streets at some point in the future, so the standard Overland Park pavement design requirements shall apply. Few private streets are approved by the Planning Commission, so this exception is rarely granted.

## **Storm Sewer Structures:**

Alternate concrete mix designs can be used for privately owned and maintained storm sewer structures. If the design engineer specifies the standard Overland Park mix designs for these structures, the City inspection staff will enforce this standard during construction. If the contractor wishes to use an alternate mix design in the field, the design engineer must approve the use of an alternate mix design. Any alternative mix design shall meet the requirements set forth by the City in the Overland Park "General Technical Specifications for Privately Funded Public Infrastructure", Section 02646.

NOTE: Precast structure tops may be used for privately owned and maintained storm sewer systems.