

FOR GOOD ROADS: COUNT ON CONCRETE

*St. Charles County intersections
St. Charles, MO*



Design Advantages of Concrete

1. Minimum excavation, usually uses present subgrade.
2. Fewer lighting standards needed.
3. Can design for expected loads.
4. Strength increases with age.
5. Integral curb and gutter.
6. No need for asphalt contractor.

Compared to Asphalt

1. Extra depth excavation, requires added materials.
2. More lighting standards needed.
3. Uncertainty of design.
4. Flexible, does not gain strength.
5. Separate curb and gutter and pavement.
6. Requires both asphalt and concrete contractors.

Owner: City of St. Charles

Architect: City of St. Charles

Engineer: City of St. Charles

Contractor: Concrete Design

Size: 2,100 square yards

Depth: 5 inches

Base: 3 inches of asphalt over subbase

CONCRETE COUNCIL

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