

FOR GOOD ROADS: COUNT ON CONCRETE

Woodlake Subdivision Ultra Thin Whitetopping Chesterfield, MO



Construction Advantages of Concrete

1. One-pass completion.
2. Complete job faster, ready mix available everywhere.
3. Easy to construct, can be placed by manual screeding.
4. Cold- and hot-weather placement.
5. Simplified equipment.
6. Concrete plants can be open year-round.

Compared to Asphalt

1. Multilayered system.
2. Asphalt plants not located everywhere, may cause delays.
3. Many steps, few contractors equipped.
4. Place only in warm weather.
5. Complicated plants and machines necessary.
6. Asphalt plants shut down in cold weather.

Owner: City of Chesterfield

Engineer: City of Chesterfield

Contractor: J.M. Marschuetz Construction

Size: 4800 sq. yds.

Depth: 4 inches

Base: Asphalt surface milled (4") and existing base.

The existing asphalt was deteriorated exhibiting surface cracking and raveling. To correct and provide a new concrete street surface with minimal disruption to traffic and to avoid having to remove the entire street section down to subgrade a 4" Ultra Thin Concrete Whitetopping (UTW) was installed. The high strength pccp overlay will bridge the few weak areas exposed by milling and will function with the asphalt base to provide excellent service for years to come.

CONCRETE COUNCIL

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