

Grimes County Road & Bridge Department



P.O. Box 593
Anderson, Texas 77830

(936) 873-4436
Fax: (936) 873-9909

PAVING PROGRAM County Road Construction Paving Policy

Criteria to be considered in making Seal Coating road selection:

- 1) Right-of-Way width
- 2) Traffic Count
- 3) Flood Zones and bridge structures
- 4) Existing sub-base and base material
- 5) Location:
 - Connecting two major thorough fares; i.e. FM to FM
 - Would the road be traveled more if it was paved, in turn relieving traffic on our other roadways
 - Extreme isolation
 - Number of property owners
- 6) Ability to partner with a subdivision being built

Pre-Seal Coating construction and maintenance details:

- 1) Drainage – Make sure all ditches are open and functioning properly. This can be achieved with either the Gradall or the Motor Grader, shoot grades as necessary. All excess material should be hauled off if not incorporated into sub-grade.
- 2) Bridges – Inspect structure(s) for any defects. If necessary, replace or repair prior to proceeding with seal coating project.
- 3) Culverts – Install, and/or replace any used, worn culverts. This will include road culverts as well as driveway culverts. Notify property owners of intent so they will be aware of their responsibility in purchasing a culvert, if they wish, in a timely manner.
- 4) Sub-Base – Existing road material should be evaluated by the Road and Bridge Administrator/ County Engineer to determine if stabilization will be needed: lime, fly ash, or concrete. Sub-base should be constructed at a 22' width, if right of way provides.
- 5) Base – After stabilization of sub-base has been achieved, base should be added to the rate necessary to obtain a compacted 6". Width of base to be same as sub-base. Base requirements must be approved by the Road and Bridge Administrator / County Engineer.
- 6) Prime Oil – Once the set-up is complete, and all moisture is out, prime oil should be applied as soon as possible. A determination of the necessary rate of application should be determined prior to applying for adequate coverage. Prime oil should be shot with width of the base.

Seal Coating:

All roads, after completion of set-up, should be completed with a double course chip seal that is to be of county specifications.

Re-Seal:

Roads will be resealed as needed based on the determination of the County Road and Bridge Administrator / County Engineer.