

**Grady County Commissioners**

RESOLUTION # 24-269

District 1 - Zachary Davis - 405-381-3272  
Tuttle, Ok. 73089

District 2 - Kirk L. Painter - 405-224-2184  
Chickasha, Ok. 73018

District 3 - Gary L. Bray - 580-476-3577  
Rush Springs, Ok. 73082

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**RESOLUTION**

NOW, THEREFORE BE IT RESOLVED THAT the Board of County Commissioners of Grady County, Oklahoma, have adopted the following Resolution to wit:

That all roads within Grady County being in Additions and Subdivisions of tracts of land shall not be accepted by the County Commissioners to maintain unless roads are constructed to a minimum standard set forth on the following two pages and shall be known as the Grady County Pavement Standards: Design and Construction. As well, any erosion problems must be repaired prior to County acceptance of these additions.

This shall be for all construction began after August 19, 2024.

Dated on this 19 day of August, 2024

Attest: Jill Locke  
County Clerk - Jill Locke

Kirk L. Painter  
Chairman -

Gary L. Bray  
Vice Chairman -

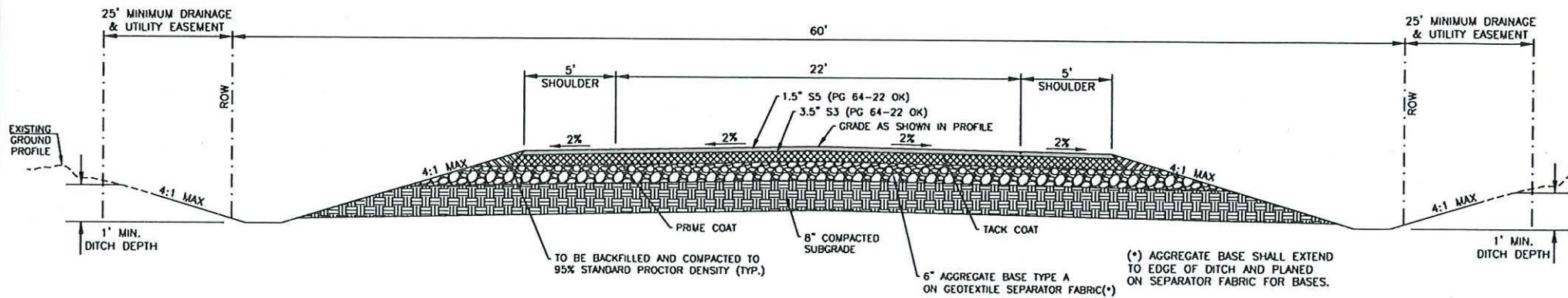
Zachary Davis  
Member -








# Grady County Pavement Standards: Design and Construction

1. The minimum requirements of residential rural roadway sections are shown below in the Minimum Asphaltic Concrete (AC) Pavement Sections.
2. Pavement parameters:
  - a. Asphalt: AC pavement for roadways shall be Superpave in accordance with ODOT Standard Specifications for Highway Construction, most recent governing regulation.
  - b. Concrete: Portland Cement Concrete (PCC) for roadways shall be ODOT Class A designed and proportioned in accordance with ODOT Roadway Design Standards and Standard Specifications for Highway Construction, most recent governing regulation.
3. The minimum thickness of an AC street shall be as indicated below based upon an average Annual Average Daily Traffic (AADT) of 500 vehicles per day and a total ESAL count of approximately 139,000. This is for a 20-year pavement design period.
4. A signed and sealed pavement design utilizing AC or PCC shall be considered if significant truck traffic exists or if existing soil conditions appear to be inadequate.
5. A CBR of 3.0 was assumed and should be confirmed by a geotechnical engineer.
6. Recompacted subgrade should be placed in lifts having a maximum loose lift thickness of 8 inches. All fill should be compacted to a minimum of 95 percent of the material's maximum dry density as determined by ASTM D 698 (standard Proctor compaction). Testing during field placement shall be required and submitted to Grady County.

| Pavement Area                                                                                                                                                                                                                                                                                                                  | AC Design Thickness, inches                                                                                                                                                                                                                    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Grady County Roadway Standards<br>Local Residential Rural Roadway                                                                                                                                                                                                                                                              | <u>AC with Granular Base</u><br>1.5" S5 Surface Course <sup>1</sup> (PG 64-22 OK)<br>3.5" S3 Base Course <sup>1</sup> (PG 64-22 OK)<br>6.0 Aggregate Base <sup>3</sup><br>Geotextile Separator Fabric <sup>2</sup><br>8.0 Recompacted Subgrade |
| <ol style="list-style-type: none"> <li>1. ODOT "Standard Specifications for Highway Construction" Section 411 and 708</li> <li>2. AASHTO M288 Class 2 and Appendices A1 and A3</li> <li>3. ODOT "Standard Specifications for Highway Construction" Section 703.01, Type A</li> </ol>                                           |                                                                                                                                                                                                                                                |
| <b>General Notes:</b> <ol style="list-style-type: none"> <li>A. Recycled Asphalt Shingles (RAS) is not allowed in any mix.</li> <li>B. In all surface mixes, Reclaimed Asphalt Pavement (RAP) is limited to 12% Maximum.</li> <li>C. In all base mixes, Reclaimed Asphalt Pavement (RAP) is limited to 25% Maximum.</li> </ol> |                                                                                                                                                                                                                                                |



TYPICAL SECTION

| LEGEND                                                                              |                    |                                                                                     |                                                      |
|-------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|------------------------------------------------------|
|  | S5 (PG 64-22 OK)   |  | TYPE A AGGREGATE BASE ON GEOTEXTILE SEPARATOR FABRIC |
|  | S3 (PG 64-22 OK)   |  | BACKFILL                                             |
|  | COMPACTED SUBGRADE |                                                                                     |                                                      |

NOTES:

1. 1' MINIMUM DITCH DEPTH SHALL BE MEASURED FROM BOTTOM OF AGGREGATE BASE LAYER.