

SUBMISSION CHECKLIST

The Centre County Planning Commission uses this checklist to determine if a submission is in a form acceptable and complete for receipt and processing under the requirements of the Centre County Subdivision and Land Development Ordinance.

The following items must be contained within the formal submission package (where applicable) to be considered a "complete submission."

Plans and Supporting Data:

- Completed Application Form, signed by Applicant or Authorized Agent
- Payment of the Processing Fee, for Subdivision / Land Development Plans and for Sewage Planning Module Reviews
- Appropriate Number of Plan Prints
- Sanitary Sewage Disposal Report
- DEP Sewage Planning Module – *Draft Copy*
- Approval Notice from the Municipal Zoning Officer
- Letters of Intent to Service:
 - Electric
 - Water
 - Sanitary Sewer
- Private Right-of Way and / or Utility Easement Documentation – *Draft Copy*
- Memorandum of Understand for Construction of Required Improvements / Payment of County Engineer's Fees, as executed by Applicant and Municipality
- Engineering Details:
 - Road Profiles and Cross Sections
 - Erosion and Sedimentation Control Plan
 - Stormwater Management Plan
 - Supporting Calculations
 - Written Narrative
 - Utilities
 - Miscellaneous Improvements
- Deed Restrictions / Protective Covenants – *Draft Copy*

- Owners Association Agreement – *Draft Copy*
- Improvement Surety Package – *Draft Copy*
- PennDOT Review – Traffic Study and / or Highway Occupancy Permit, or Corresponding Municipal Requirements
- Postal Service Review
- Other (specify)

(For Example: Compliance with applicable Municipal Ordinances & Regulations, as well as applicable Federal or State Regulations.)

NOTE: This listing is **not** to be considered inclusive of all requirements, and is to be used as an in-house planning tool, only.

Applicant:

Plan Title:

Municipality:

CCPC File: Complete Submission
 Incomplete Submission

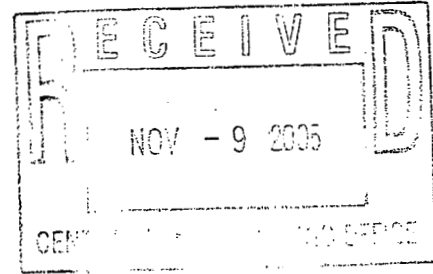
Comments:

- Item - completed for submission
- Item - incomplete
- Item - not applicable

FRANSON

Engineering & Surveying

November 2, 2005



Mr. Anson C. Burwell
Centre County Planning Office
Willowbank Office Building
420 Holmes Street
Bellefonte, PA 16823

RE: Paving Standards

Dear Anson:

PaDOT Municipal Services Personnel have informed me that use of standard Marshall Design pavements (i.e. ID-2 and BCBC) will not be permitted for use on Liquid Fuel Roadways beginning in 2006. Municipalities must now use Superpave design bituminous mixes.

Superpave is short for Superior PERFORMANCE PAVEMENT and was created to address premature aging of pavement on low volume roadways and rutting of pavement on high volume roadways. Basically, under the old system there were only a few wearing courses and base courses of bituminous pavement to choose from. Now there are numerous choices for pavement design. Mix designs are dependent on the truck traffic loading and the number of Equivalent 18,000 lb. Single Axle Loads (ESAL's) that will travel a particular roadway during the 20 year design life of the pavement. For most local roads the designated mix based on ESAL's will be a less than 300,000 ESAL mix (< .3 million). Certain collector roads may warrant a .3 to 3 million ESAL's mix. The higher the ESAL rating of a pavement the lower the asphalt content in the mix. Thus a high volume roadway that may be subject to rutting will have a pavement with less asphalt while a low volume roadway that may be subject to a higher rate of oxidation of bituminous will have a pavement with more asphalt.

I do not know if you will wish to modify the Centre County Subdivision and Land Development Ordinance, but if you do I recommend the following modifications.

Old Designation	New Designation
ID-2 WC	9.5 mm <0.3 million ESAL, 50 gyration, PG 64-22 *
ID-2 BC	19.0 mm <0.3 million ESAL, 50 gyration, PG 64-22 *
BCBC	25.0 mm <0.3 million ESAL, 50 gyration, PG 64-22 *

* Use of higher ESAL mix must be approved prior to use and will only be permitted on roadways where anticipated ESAL loading warrants.

If you have any questions please call.

Sincerely,

Donald M. Franson, P.E., P.L.S.