

for all pavement types. When comparing LCNs to AGL computations for various pavements, consider the following:

- Single-wheel aircraft on rigid pavement – compares fairly well.
- Multi-wheel aircraft on rigid pavement – results are variable depending upon how the actual pavement structure compares to the standard LCN structures.
- Single-wheel aircraft on flexible pavement – results are more variable because the rigid pavement criterion was used to compute the flexible pavement stresses.
- Multi-wheel aircraft on flexible pavement – results will vary considerably.
- The LCN system assumes that all base course materials in the flexible pavement structure met and still meet the original design specifications (e.g., CBRs, gradations).

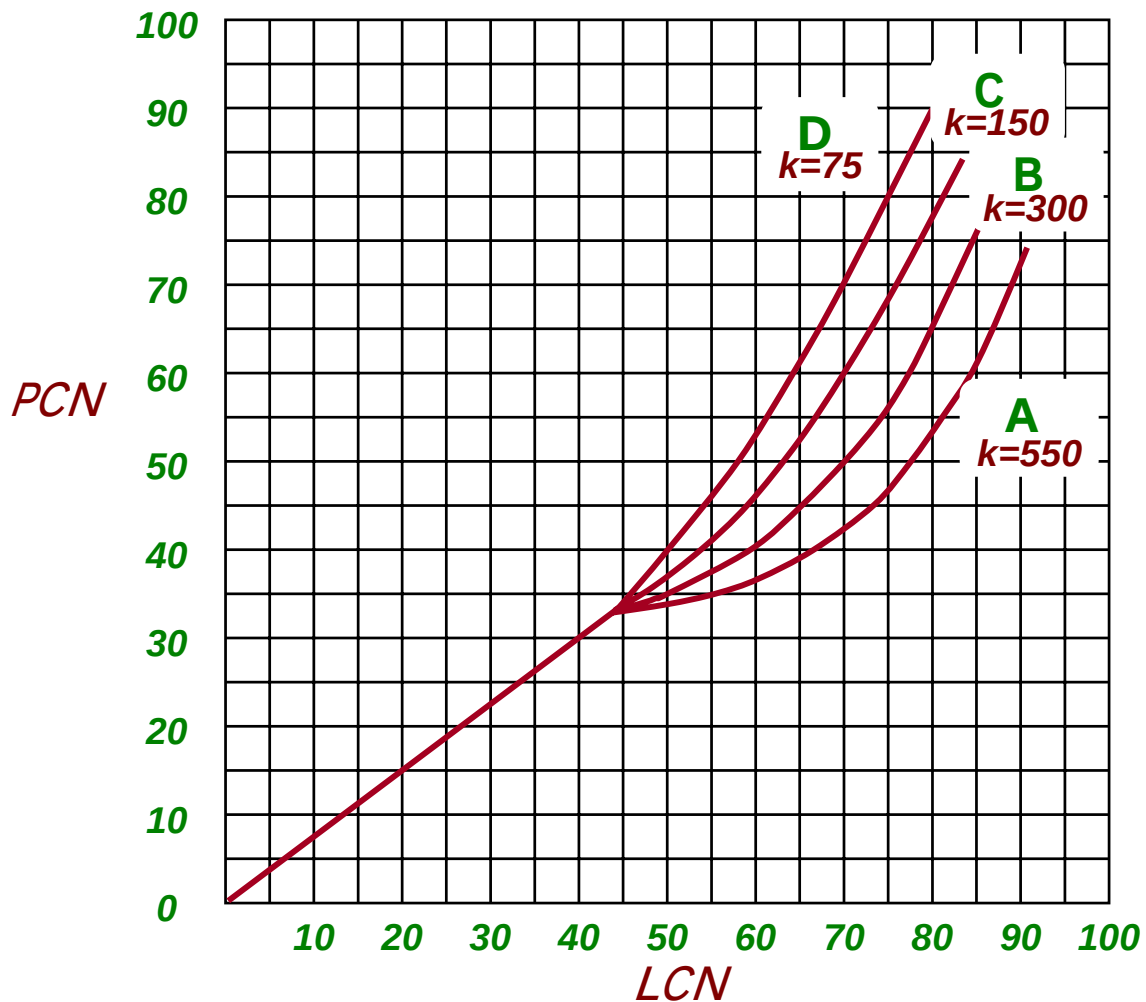


Figure 43. LCN to PCN Conversion, Rigid Pavement

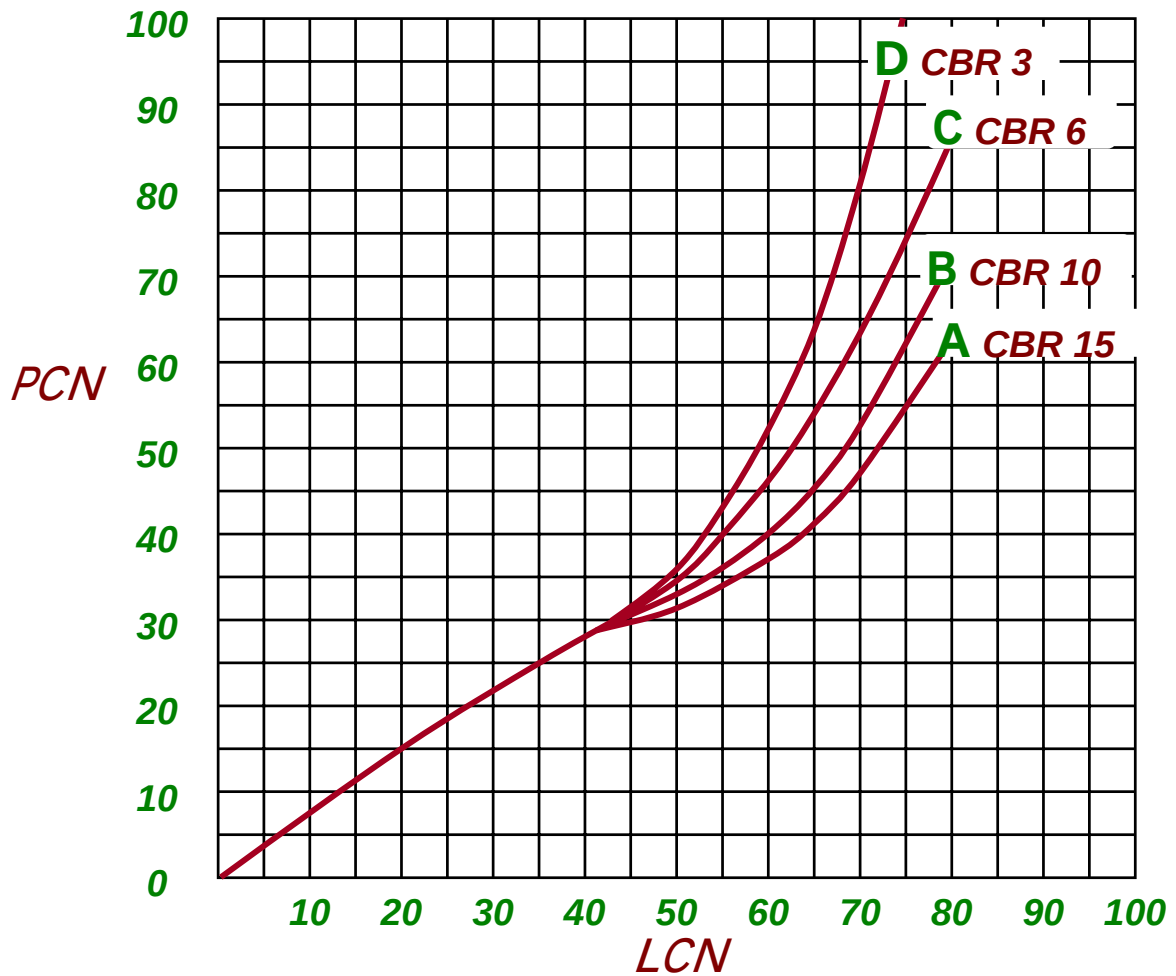


Figure 44. LCN to PCN Conversion, Flexible Pavement