

**PN 419 – 7/15/2005 - DESIGN REQUIREMENTS FOR PLANT MIX PAVEMENTS
(Multiple Traffic)**

On this project, design 301,bases and asphalt concrete requiring 441 for ____ (1) ____ traffic
for ____ (2) ____ , and for ____ (1) ____ traffic for ____ (2) ____

Designer's Note: Use this note on all projects having 301, 424, 446, 448, SS 826, or SS 857 when the project includes sections of roadway where different traffic volume designs should be specified..

Fill in Blank (1) with Heavy, Medium, or Light. Fill in Blank (2) with Part or Route numbers.

Use a Heavy Traffic designation where the number of trucks (ADT x T24) in the current traffic is 1500 or more or if the project is in a mining or manufacturing area where there will be loaded coal, gravel, stone, steel, etc. trucks making starting, stopping or turning movements creating higher stresses in the pavement, use 750 trucks for the threshold of "Heavy."

Use a Medium Traffic designation where the number of trucks (ADT x T24) in the current traffic is 50 to 1499 or if the project is in a mining or manufacturing area where there will be loaded coal, gravel, stone, steel, etc. trucks making starting, stopping, or turning movements creating higher stresses in the pavement, use 40 to 749 trucks as the criteria for "Medium."

Use a Light Traffic designation where the number of trucks (ADT x T24) in the current traffic is less than 50.

Questions concerning this note should be directed to the Office of Pavement Engineering 614-995-5990.