FLEXIBEL PAVEMENT MIX DESIGN GUIDANCE

Technical Memorandum 17-SA-01 Mix Guidance Table						
Work type	Section of Paving	0.3M to 3.0 M ESALS		0 to 0.3M ESALS		(1) Aggregate
		Oil	Voids	Oil	Voids	
Bituminous Overlay	Top 3"	58S-28	4.0	58S-28	3.0	A or B (2)
	Below Top 3"	58S-28	3.0	58S-28	3.0	A or B (2)
New Pavement, CIR, Reclamation	Top 3"	58H-34	4.0	58H-34	3.0	A or B (2)
	Below Top 3"	58S-28	3.0	58S-28	3.0	A or B (2)
Shoulders	All lifts	XX	XX	58S-28	3.0	A or B (2)
Bike Path/Trail	All	XX	XX	58S-28	3.0	A (2)

(1) A Aggregate provides a tighter, less permeable wearing surface less prone to segregation

(2) Minimum lift thickness: 1.5" for A Aggregate
2.0" for B Aggregate

See Technical Memo 17-SA-02 for guidance on Maximum Density, Pavement Smoothness, Small Quantities, RAP, Warm Mix Asphalt, and modification of standards requirements
http://www.dot.state.mn.us/stateaid/admin/memos/17-sa-01.pdf

See the MnDOT State Aid Pavement Website for pavement design tools and specifications
http://www.dot.state.mn.us/stateaid/pavement.html