































-200 20.0 .0 50.0 .0 Total 5.0 (T 000.0 A) Weight original sample 1000 Weight after washed Wash loss (A - B) gm -200 from sieving gar Total -200 C + S. Use "T" to calculate percentages gm gm gm Checked by:









Recommended Aggregate Fractions

1 in - 3/4 in 3/4 in - 3/8 in 3/8 in - No.4 No.4 - No.8 Passing No.8





























































Summary		
Characteristic	% Asphalt	
lighest Stability lighest Unit Weight Optimum Voids Content	5.8 4.7 5.3	



Characteristic	% Asphalt
Highest Stability	5.8
Highest Unit Weight	4.7
Optimum Voids Content	<u>5.3</u>
Total	<u>15.8</u> _
	3
Average:	5.3 %





MARSHAL	L DESIGN	I CRITE	RIA
	Light Traffic ESAL < 10 ⁴	Medium Traf 10 ⁴ < ESAL<	fic Heavy Traffic 10 ESAL > 10 ⁶
Compaction	35	50	75
Stability N (lb.)	3336 (750)	5338 (1200)	8006 (1800)
Flow, 0.25 mm (0.1 in)	8 to 18	8 to 16	8 to 14
Air Voids, %	3 to 5	3 to 5	3 to 5
Voids in Mineral Agg. (VMA)	Varies with aggregate size		
	HAW		58

	Design Criteria (Heavy Traffic)		Values at 5.3% Asphalt Content
	Min.	Max.	
Stability (lbs) Flow (0.01") % Air Voids	1500 8 3	- 16 5	2080 13 4

