NFSR 116 Surfacing/Stabilization Exhibit 5
Aggregate Specifications

Table 31-2: Surface Coarse Aggregate		
Property	**Test Method**	**Value**
Liquid Limit (LL)	AASHTO T-89	35 max
Plastic Limit (PL)	AASHTO T-90	----------
If the percent passing the No. 200 is less than 12%		2 to 9
If the percent passing the No. 200 is greater than 12%		Less than 2
Plasticity Index (PI)	PI = LL - PL	----------
If the percent passing the No. 200 is 12-18%		Less than 4
If the percent passing the No. 200 is 8-12%		4 to 12
Los Angeles Abrasion	AASHTO T-96	40% max
Sodium Sulfate Soundness (5 cycles)	AASTHO T-104	12% max
Durability Index (coarse)	AASHTO T-210	35 minimum
Durability Index (fine)	AASHTO T-210	35 minimum
Fractured Faces	ASTM D 5821	75% minimum

Target Value for Gradation						
Test Methods AASHTO T-11 & T-27						
Sieve Size	Gradation Designation					
	F	G	H	S	T	U
1-1/2 inch	100	----------	----------	100	----------	----------
1 inch	97 – 100	100	----------	72 – 92 (6)	100	
3/4 inch	76 – 89	97 - 100	97 - 100	----------	----------	100
1/2 inch	----------	----------	----------	----------	71 – 91 (6)	----------
3/8 inch	56 – 68	70 – 80 (6)	80 – 92 (6)	51 – 71 (6)	----------	71 – 90 (6)
No. 4	43 – 53	51 – 63 (7)	58 – 70 (7)	36 – 53 (7)	43 – 60 (7)	50 – 68 (7)
No. 8	----------	----------	----------	26 – 40 (6)	30 – 46 (6)	34 – 51 (6)
No. 16	23 – 32	28 – 39 (6)	28 – 40 (6)	----------	----------	----------
No. 30	----------	19 – 27 (5)	16 – 26 (5)	----------	----------	----------
No. 40	17 – 30	----------	----------	14 – 25 (5)	16 – 28 (5)	19 – 30 (5)
No. 200	8 – 18	10 – 16 (4)	9 – 14 (4)	8 – 15 (4)	8 – 15 (4)	8 – 15 (4)
( ) The value in the parenthesis is the allowable deviation (+/-) from the target values						
If the plasticity index (PI) is greater than 0, TV range for the No. 200 sieve size is 6 – 12 (4)						