

## APPENDIX D — INDOT COURSE AGGREGATE SIZE SPECIFICATIONS

Sieve Sizes	Coarse Aggregate Sizes (Percent Passing)									
	Coarse Graded								Dense Graded	
	2	5	8	9	11	12	43 <sup>1</sup>	91	53 <sup>1</sup>	73 <sup>1</sup>
4 in. (100 mm)										
3½ in. (90 mm)										
2½ in. (63 mm)	100									
2 in. (50 mm)	80-100									
1½ in. (37.5 mm)		100					100		100	
1 in. (25 mm)	0-25	85-98	100				70-90	100	80-100	100
¾ in. (19 mm)	0-10	60-85	75-95	100			50-70		70-90	90-100
½ in. (12.5 mm)	0-7	30-60	40-70	60-85	100	100	35-50		55-80	60-90
⅜ in. (9.5 mm)		15-45	20-50	30-60	75-95	95-100				
No. 4 (4.75 mm)		0-15	0-15	0-15	10-30	50-80	20-40		35-60	35-60
No. 8 (2.36 mm)		0-10	0-10	0-10	0-10	0-35	15-35		25-50	
No. 30 (600 µm)						0-4	5-20		12-30	12-30
No. 200 (75 µm) <sup>2</sup>							0-6		5-10	5-12

Notes:

<sup>1</sup>The liquid limit shall not exceed 25 (35 if slag) and the plasticity index shall not exceed 5. The liquid limit shall be determined in accordance with AASHTO T 89 and the plasticity index in accordance with AASHTO T 90.

<sup>2</sup>Includes the total amount passing the No. 200 (75 micrometers) sieve as determined by AASHTO T 11 and T 27.

## **APPENDIX D — INDOT COURSE AGGREGATE SIZE SPECIFICATIONS**

<b>Riprap Gradation Requirements (Percent Smaller)</b>					
<b>Size, in. (mm)</b>	<b>Revetment</b>	<b>Class 1</b>	<b>Class 2</b>	<b>Uniform A</b>	<b>Uniform B</b>
30 (750)			100		
24 (600)		100	85-100		
18 (450)	100	85-100	60-80		
12 (300)	90-100	35-50	20-40		
8 (200)				100	
6 (150)	20-40	10-30	0-20	35-80	95-100
3 (75)	0-10	0-10	0-10		35-80
1 (25)				0-20	0-20
Depth of Riprap, minimum	18 in. (450 mm)	24 in. (600 mm)	30 in. (750 mm)		