



CRIUS CORP

Office Campus ULTI-MAT Distress Survey Summary

Crius Corp contracted with American Engineering Testing, Inc. to perform a pre and post ULTI-MAT installation Pavement Surface Distress Survey of the asphalt located at the Office Campus.

American Engineering Testing, Inc. conducted Distress Surveys in five separate locations at the Campus. These sections varied in size from 1500-3500 sq/ft.

Here is a quick reference chart of the pre and post installation findings:

Section Number	SAMPLE UNIT		Pre-Installation				Post-Installation			
			DISTRESS			PCI Rating	DISTRESS			PCI Rating
			Type	Severity	Quantity		Type	Severity	Quantity	
1	1	2000	Weathering	Low	2000	73	none	none	-	100
1	2	1500	Cracking	Low	61	53	Cracking	Low	43	89
			Cracking	Moderate	51		Block Cracking	Moderate	6	
			Depression	Low	12		Depression	Low	3	
			Weathering	Low	1500		Weathering	Low	1500	
4	3	2500	Cracking	Low	84	58	Cracking	Low	38	79
			Cracking	Moderate	39		Cracking	Low	30	
			Rutting	Low	75		Rutting	Low	30	
			Weathering	Low	2500		Weathering	Low	2500	
3	4	3500	Cracking	Low	157	68	Cracking	Low	23	96
			Weathering	Low	3500		Weathering	Low	3500	

The results of these surveys show a very substantial improvement in the condition of this pavement.

The pre-installation Distress Survey rated the overall condition of the asphalt at 62.5 out of 100 (scale of 1-100, 100 being the best). This rating shows a solid pavement surface, but indicates the existence of some moderate distresses.

The post-installation Distress Survey rated the overall condition of the asphalt at 96.4 out of 100. This rating indicates the elimination of virtually all previously existing distresses. The ULTI-MAT installation eliminated the distresses, there by extending the life of the asphalt.