

APPENDIX B — SURFACING SELECTION ANALYSIS WORKSHEET

Surfacing Selection Analysis Worksheet

Surfacing Type _____

WEIGHTING FACTOR		SCORING FACTOR	WEIGHTING FACTOR	SCORE
PERFORMANCE AND DURABILITY ATTRIBUTES				
_____ %	Durability	_____ x	_____ =	_____
_____ %	Life Expectancy	_____ x	_____ =	_____
_____ %	Maintenance Requirements	_____ x	_____ =	_____
_____ %	Safety/Surface Characteristics	_____ x	_____ =	_____
CONSTRUCTABILITY AND COST ATTRIBUTES				
_____ %	Life-Cycle Cost	_____ x	_____ =	_____
_____ %	Availability	_____ x	_____ =	_____
_____ %	Construction Impacts	_____ x	_____ =	_____
_____ %	Weather Limitations	_____ x	_____ =	_____
CONTEXT SENSITIVITY ATTRIBUTES				
_____ %	Environmental Impacts	_____ x	_____ =	_____
_____ %	Visual Quality	_____ x	_____ =	_____
_____ %	Context Compatability	_____ x	_____ =	_____
100 %			TOTAL RATING	_____

WEIGHTING FACTOR: PERCENT OF IMPACT ON SURFACING SELECTION (TOTAL = 100%)

SCORING FACTOR: 1 = POOR OR NOT DESIRABLE; 5 = EXCELLENT OR HIGHLY DESIRABLE

FOR MOST SITUATIONS, NO CATEGORY SHOULD HAVE A WEIGHTING FACTOR LESS THAN 20% OR GREATER THAN 50% AND NO INDIVIDUAL ATTRIBUTE SHOULD HAVE A WEIGHTING FACTOR GREATER THAN 20%.

Figure 4. Worksheet. Surfacing Selection Analysis Worksheet.

