Table of Contents

SURVEY PARTICIPANTS: Part 1 Stadiums
SURVEY PARTICIPANTS: Part 2- Arenas1
THE QUESTIONNAIRE: Part 1
THE QUESTIONNAIRE: Part 2
SUMMARY OF MAIN FINDINGS: Part 115
SUMMARY OF MAIN FINDINGS: Part 2
CHARACTERISTICS OF THE SAMPLE: Part 1 STADIUMS20
CHARACTERISTICS OF THE SAMPLE: Part 2 ARENAS22
SURVEY OF COLLEGE STADIUM AND ARENA PLAYING SURFACES RENOVATION PRACTICES: PART 1 STADIUMS22
CHAPTER 1: RENOVATIONS & UPGRADES
Table 1.1: Has the college renovated the playing field turf in the past five years?23
Table 1.2: Has the college altered the landscaping in the past five years?23
Table 2.1: Has the college renovated the playing field turf in the past five years? Broken out by Type of College
Table 2.2: Has the college altered the landscaping in the past five years? Broken out by Type of College
Table 3.1: Has the college renovated the playing field turf in the past five years? Broken out by Sports Level
Table 3.2: Has the college altered the landscaping in the past five years? Broken out by Sports Level
Table 4.1: Has the college renovated the playing field turf in the past five years? Broken out by Total Student Enrollment
Table 4.2: Has the college altered the landscaping in the past five years? Broken out by Total Student Enrollment
Table 5.1: Has the college renovated the playing field turf in the past five years? Broken out by Stadium Seating Capacity
Table 5.2: Has the college altered the landscaping in the past five years? Broken out by Stadium Seating Capacity24

Table 6.1: Has the college renovated the playing field turf in the past five years? Broken out by Age of Stadium in Years
Table 6.2: Has the college altered the landscaping in the past five years? Broken out by Age of Stadium in Years
CHAPTER 2: RENOVATION COSTS
Table 7.1: How much has the college spent over the past five years on playing field turf improvements? (in \$US)
Table 7.2: How much has the college spent over the past five years on landscaping improvements? (in \$US)
Table 8.1: How much has the college spent over the past five years on playing field turf improvements? Broken out by Type of College (in \$US)26
Table 8.2: How much has the college spent over the past five years on landscaping improvements? Broken out by Type of College (in \$US)26
Table 9.1: How much has the college spent over the past five years on playing field turf improvements? Broken out by Sports Level (in \$US)26
Table 9.2: How much has the college spent over the past five years on landscaping improvements? Broken out by Sports Level (in \$US)26
Table 10.1: How much has the college spent over the past five years on playing field turf improvements? Broken out by Total Student Enrollment (in \$US)27
Table 10.2: How much has the college spent over the past five years on landscaping improvements? Broken out by Total Student Enrollment (in \$US)27
Table 11.1: How much has the college spent over the past five years on playing field turf improvements? Broken out by Stadium Seating Capacity (in \$US)27
Table 11.2: How much has the college spent over the past five years on landscaping improvements? Broken out by Stadium Seating Capacity (in \$US)27
Table 12.1: How much has the college spent over the past five years on playing field turf improvements? Broken out by Age of Stadium in Years (in \$US)27
Table 12.2: How much has the college spent over the past five years on landscaping improvements? Broken out by Age of Stadium in Years (in \$US)28
CHAPTER 3: PLANS FOR THE FUTURE29
Table 13.1: How likely is it that your college will make an investment in the next five years to improve the playing field turf?
Table 13.2: How likely is it that your college will make an investment in the next five years to improve the landscaping?
Table 14.1: How likely is it that your college will make an investment in the next five years to improve the playing field turf? Broken out by Type of Library29
Table 14.2: How likely is it that your college will make an investment in the next five years to improve the landscaping? Broken out by Type of Library

Table 15.1: How likely is it that your college will make an investment in the next five years to improve the playing field turf? Broken out by Sports Level
Table 15.2: How likely is it that your college will make an investment in the next five years to improve the landscaping? Broken out by Sports Level
Table 16.1: How likely is it that your college will make an investment in the next five years to improve the playing field turf? Broken out by Total Student Enrollment
Table 16.2: How likely is it that your college will make an investment in the next five years to improve the landscaping? Broken out by Total Student Enrollment
Table 17.1: How likely is it that your college will make an investment in the next five years to improve the playing field turf? Broken out by Stadium Seating Capacity
Table 17.2: How likely is it that your college will make an investment in the next five years to improve the landscaping? Broken out by Stadium Seating Capacity
Table 18.1: How likely is it that your college will make an investment in the next five years to improve the playing field turf? Broken out by Age of Stadium in Years
Table 18.2: How likely is it that your college will make an investment in the next five years to improve the landscaping? Broken out by Age of Stadium in Years
SURVEY OF COLLEGE STADIUM AND ARENA PLAYING SURFACES RENOVATION PRACTICES: PART 2 ARENAS
CHAPTER 4 – RENOVATIONS
Table 19 Has the college renovated or significantly altered the arena's playing field turf over the last five years?
Table 19.1 Has the college renovated or significantly altered the arena's playing field turf over the last five years?
Table 19.2 Has the college renovated or significantly altered the arena's playing field turf over the last five years? Broken out by public or private status of the college
Table 19.3 Has the college renovated or significantly altered the arena's playing field turf over the last five years? Broken out by the arena's seating capacity
Table 19.4 Has the college renovated or significantly altered the arena's playing field turf over the last five years? Broken out by NCAA division of the arena's main sports team 33
Table 19.5 Has the college renovated or significantly altered the arena's playing field turf over the last five years? Broken out by the year the arena was built
Table 19.6 Has the college renovated or significantly altered the arena's playing field turf over the last five years? Broken out by full-time equivalent enrollment of the college 34
Table 20 Has the college renovated or significantly altered the arena's landscaping over the last five years?
Table 20.1 Has the college renovated or significantly altered the arena's landscaping over the last five years?
Table 20.2 Has the college renovated or significantly altered the arena's landscaping over the last five years? Broken out by public or private status of the college

Table 20.3 Has the college renovated or significantly altered the arena's landscaping over the last five years? Broken out by the arena's seating capacity	35
Table 20.4 Has the college renovated or significantly altered the arena's landscaping over the last five years? Broken out by NCAA division of the arena's main sports team	35
Table 20.5 Has the college renovated or significantly altered the arena's landscaping over the last five years? Broken out by the year the arena was built	35
Table 20.6 Has the college renovated or significantly altered the arena's landscaping over the last five years? Broken out by full-time equivalent enrollment of the college	
CHAPTER 5 – COSTS & SPENDING	36
Table 21 Approximately how much has the college spent over the last five years on refurbishing, redesigning, or upgrading the arena's playing surfaces?	36
Table 21.1 Approximately how much has the college spent over the last five years on refurbishing, redesigning, or upgrading the arena's playing surfaces?	36
Table 21.2 Approximately how much has the college spent over the last five years on refurbishing, redesigning, or upgrading the arena's playing surfaces? Broken out by public or private status of the college	
Table 21.3 Approximately how much has the college spent over the last five years on refurbishing, redesigning, or upgrading the arena's playing surfaces? Broken out by the arena's seating capacity	86
Table 21.4 Approximately how much has the college spent over the last five years on refurbishing, redesigning, or upgrading the arena's playing surfaces? Broken out by NCAA division of the arena's main sports team	
Table 21.5 Approximately how much has the college spent over the last five years on refurbishing, redesigning, or upgrading the arena's playing surfaces? Broken out by the year the arena was built	37
Table 21.6 Approximately how much has the college spent over the last five years on refurbishing, redesigning, or upgrading the arena's playing surfaces? Broken out by full-time equivalent enrollment of the college	37
Table 22 Approximately how much has the college spent over the last five years on refurbishing, redesigning, or upgrading the arena's refrigeration and ice surface maintenance?	88
Table 22.1 Approximately how much has the college spent over the last five years on refurbishing, redesigning, or upgrading the arena's refrigeration and ice surface maintenance?	88
Table 22.2 Approximately how much has the college spent over the last five years on refurbishing, redesigning, or upgrading the arena's refrigeration and ice surface maintenance? Broken out by public or private status of the college	88
Table 22.3 Approximately how much has the college spent over the last five years on refurbishing, redesigning, or upgrading the arena's refrigeration and ice surface maintenance? Broken out by the arena's seating capacity	88

Table 22.4 Approximately how much has the college spent over the last five years on refurbishing, redesigning, or upgrading the arena's refrigeration and ice surface maintenance? Broken out by NCAA division of the arena's main sports team
Table 22.5 Approximately how much has the college spent over the last five years on refurbishing, redesigning, or upgrading the arena's refrigeration and ice surface maintenance? Broken out by the year the arena was built
Table 22.6 Approximately how much has the college spent over the last five years on refurbishing, redesigning, or upgrading the arena's refrigeration and ice surface maintenance? Broken out by full-time equivalent enrollment of the college
Table 23 Approximately how much has the college spent over the last five years on refurbishing, redesigning, or upgrading the arena's landscaping?
Table 23.1 Approximately how much has the college spent over the last five years on refurbishing, redesigning, or upgrading the arena's landscaping?
Table 23.2 Approximately how much has the college spent over the last five years on refurbishing, redesigning, or upgrading the arena's landscaping? Broken out by public or private status of the college
Table 23.3 Approximately how much has the college spent over the last five years on refurbishing, redesigning, or upgrading the arena's landscaping? Broken out by the arena's seating capacity
Table 23.4 Approximately how much has the college spent over the last five years on refurbishing, redesigning, or upgrading the arena's landscaping? Broken out by NCAA division of the arena's main sports team
Table 23.5 Approximately how much has the college spent over the last five years on refurbishing, redesigning, or upgrading the arena's landscaping? Broken out by the year the arena was built
Table 23.6 Approximately how much has the college spent over the last five years on refurbishing, redesigning, or upgrading the arena's landscaping? Broken out by full-time equivalent enrollment of the college
CHAPTER 6 – REDESIGN & INVESTING IN THE FUTURE42
Table 24 How likely is it that your college will make an investment over the next five years to develop, upgrade, or improve the arena's playing surfaces in any way?42
Table 24.1 How likely is it that your college will make an investment over the next five years to develop, upgrade, or improve the arena's playing surfaces in any way? 42
Table 24.2 How likely is it that your college will make an investment over the next five years to develop, upgrade, or improve the arena's playing surfaces in any way? Broken out by public or private status of the college
Table 24.3 How likely is it that your college will make an investment over the next five years to develop, upgrade, or improve the arena's playing surfaces in any way? Broken out by the arena's seating capacity

Table 24.4 How likely is it that your college will make an investment over the next five years to develop, upgrade, or improve the arena's playing surfaces in any way? Broken out by NCAA division of the arena's main sports team
Table 24.5 How likely is it that your college will make an investment over the next five years to develop, upgrade, or improve the arena's playing surfaces in any way? Broken out by the year the arena was built
Table 24.6 How likely is it that your college will make an investment over the next five years to develop, upgrade, or improve the arena's playing surfaces in any way? Broken out by full-time equivalent enrollment of the college
Table 25 How likely is it that your college will make an investment over the next five years to develop, upgrade, or improve the arena's refrigeration and ice surface maintenance in any way?
Table 25.1 How likely is it that your college will make an investment over the next five years to develop, upgrade, or improve the arena's refrigeration and ice surface maintenance in any way?
Table 25.2 How likely is it that your college will make an investment over the next five years to develop, upgrade, or improve the arena's refrigeration and ice surface maintenance in any way? Broken out by public or private status of the college
Table 25.3 How likely is it that your college will make an investment over the next five years to develop, upgrade, or improve the arena's refrigeration and ice surface maintenance in any way? Broken out by the arena's seating capacity
Table 25.4 How likely is it that your college will make an investment over the next five years to develop, upgrade, or improve the arena's refrigeration and ice surface maintenance in any way? Broken out by NCAA division of the arena's main sports team 46
Table 25.5 How likely is it that your college will make an investment over the next five years to develop, upgrade, or improve the arena's refrigeration and ice surface maintenance in any way? Broken out by the year the arena was built
Table 25.6 How likely is it that your college will make an investment over the next five years to develop, upgrade, or improve the arena's refrigeration and ice surface maintenance in any way? Broken out by full-time equivalent enrollment of the college 47
Table 26 How likely is it that your college will make an investment over the next five years to develop, upgrade, or improve the arena's landscaping in any way?
Table 26.1 How likely is it that your college will make an investment over the next five years to develop, upgrade, or improve the arena's landscaping in any way?
Table 26.2 How likely is it that your college will make an investment over the next five years to develop, upgrade, or improve the arena's landscaping in any way? Broken out by public or private status of the college
Table 26.3 How likely is it that your college will make an investment over the next five years to develop, upgrade, or improve the arena's landscaping in any way? Broken out by the arena's seating capacity

Table 26.4 How likely is it that your college will make an investment over the next five years to develop, upgrade, or improve the arena's landscaping in any way? Broken out by NCAA division of the arena's main sports team	19
Table 26.5 How likely is it that your college will make an investment over the next five years to develop, upgrade, or improve the arena's landscaping in any way? Broken out by the year the arena was built.	19
Table 26.6 How likely is it that your college will make an investment over the next five years to develop, upgrade, or improve the arena's landscaping in any way? Broken out by full-time equivalent enrollment of the college.	50

SURVEY PARTICIPANTS: Part 1 Stadiums

Assumption College Bowling Green State University Bryant University Bucknell University California State University, Fullerton California State University, Sacramento Catawba College College of William & Mary **Dalton State College** Dixie State College of Utah East Central Community College Faulkner University Fayetteville State University Florida Atlantic University Florida Gulf Coast University Georgetown University Illinois State University Kingsborough Community College Lake-Sumter State College Loyola University Chicago **Mansfield University** McKendree University Mercyhurst University Michigan State University North Carolina Central University Northwestern Oklahoma State University Old Dominion University Rocky Mountain College Sacred Heart University San Jose State University South Carolina State University South Dakota School of Mines and Technology **SUNY Maritime College** Texas Christian University University of California, Berkeley University of Colorado University of Illinois University of Iowa University of Michigan University of Mississippi University of Missouri University of Nevada

University of New Mexico

University of North Dakota
University of Saint Francis
University of Tennessee at Chattanooga
University of Vermont
University of West Alabama
University of Wyoming
Western Michigan University

SURVEY PARTICIPANTS: Part 2- Arenas

Appalachian State University (Holmes Convocation Center)

Bob Jones University (Davis Field House)

Bryant University (Chace Athletic Center)

Howard Payne University (Brownwood Coliseum)

Huston-Tillotson University (Mary E. Branch Gymnasium)

Indiana State University (Hulman Center)

Kennesaw State University (KSU Convocation Center)

Lewis University (Neil Carey Arena)

Lindenwood University (Lindenwood Ice Arena)

Lindenwood University (Robert F. Hyland Arena)

Louisiana Tech University (Thomas Assembly Center)

North Carolina A&T State University (Corbett Sports Center)

Old Dominion University (Ted Constant Convocation Center)

Rose-Hulman Institute of Technology (Hulbert Arena)

San Diego State University (Viejas Arena)

Simon Fraser University (West Gym)

Snead State Community College (Emmett Plunkett-Lurleen B. Wallace Gymnasium)

Texas A&M University-Commerce (Texas A&M-Commerce Field House)

University of Maryland (Comcast Center)

University of California (Walter A. Haas Pavilion)

University of Central Oklahoma (Hamilton Fieldhouse)

University of Colorado (Coors Events Center)

University of Tennessee, Knoxville (Thompson Boling Arena)

University of the Sciences (Bobby Morgan Arena)

University of Utah (Huntsman Center)

University of Nebraska (Pinnacle Bank Arena)

Virginia West Community College (Humanities Gymnasium)

Western Michigan University (Read Fieldhouse)

THE QUESTIONNAIRE: Part 1

1. Please provide the following contact information.

Name:

Organization: Name of Stadium: Work Title: Email Address:
2. What is the seating capacity of your stadium?
3. When was the stadium built?
4. The college sports teams that use the stadium generally perform on which college sports level?
(a) Division I(b) Division 2(c) Division 3(d) Not part of any division
5. Is your college public or private?
(a) Public (b) Private
6. What is the total FTE (Full-Time Equivalent) enrollment of your college?
7. Which of the following has the college renovated or significantly altered over the past five years?
(a) Playing Field Turf (b) Landscaping
8. Does the stadium or the entity that runs the stadium have a capital budget with a specific budget or line item designated for the stadium?
(a) Yes (b) No
9. How likely is it that your college will make an investment over the next five years to in any way newly develop, upgrade or improve any of the following?

Playing Field Turf

(a) Highly Likely

(b) Likely

(c) Possibly

(d) Unlikely

(e) Highly Unlikely

(f) Not Applicable

Landscaping

(a) Highly Likely

(b) Likely

(c) Possibly

(d) Unlikely

(e) Highly Unlikely

(f) Not Applicable

10.. How much has the college spent over the past five years on refurnishing, redesigning or upgrading each of the following? If nothing put in "0" and if your college has done a major refurbishment try to allocate the spending in a common sense way to the particular elements listed.

Playing Field Turf:

Landscaping:

THE QUESTIONNAIRE: Part 2

1.	Has the five year	college renovated or significantly altered the arena's over the last rs?	
	A. B.	Playing field turf Landscaping	
2.	Approximately how much has the college spent over the last five years on refurbishing, redesigning, or upgrading the arena's?		
	A. B. C.	Playing surfaces Refrigeration and ice surface maintenance Landscaping	
3.	How likely is it that your college will make an investment over the next five years to develop, upgrade, or improve the arena's in any way?		
	A. B. C.	Playing surfaces Refrigeration and ice surface maintenance Landscaping	

CHARACTERISTICS OF THE SAMPLE: Part 1 STADIUMS

Type of College

	Public	Private
Entire Sample	75.00%	25.00%

Sports Level

	Division I	Other Division
Entire Sample	69.64%	30.36%

Total Student Enrollment (FTE)

	Less than 5,000	5,000 to 20,000	More than 20,000
Entire Sample	35.71%	33.93%	30.36%

Stadium Seating Capacity

	Less than 2,500	2,500 to 10,000	10,000 to 30,000	More than 30,000
Entire Sample	25.00%	28.57%	21.43%	25.00%

Age of Stadium in Years (Years)

	Less than 20	20 to 60	More than 60
Entire Sample	32.14%	35.71%	32.14%

CHARACTERISTICS OF THE SAMPLE: Part 2 ARENAS

Overall sample size: 28

By Public or Private Status	
Public	20
Private	8
By Arena's Seating Capacity	
Less than 3,000	11
3,000 to 9,999	9
10,000 or more	8
By NCAA Division	
Division I	16
Division II or III	10
No division	2
	_
By Year the Arena Was Built	
Earlier than 1970	7
1970s or 1980s	7
1990s	6
2000 or later	8
D. Full Time Student Familianes	
By Full-Time Student Enrollment	_
Less than 5,000	8
5,000 to 14,999	8
15,000 to 29,999	6
30,000 or more	6