

INDIANA STATE UNIVERSITY

DEPARTMENT OF FACILITIES MANAGEMENT

2017 - 2018 ANNUAL REPORT



951 SYCAMORE STREET – TERRE HAUTE, IN 47809

(812) 237 - 8100

The cover picture for this year's Annual Report is the remodeled construction of the
Fine Arts Building
by Arc Design.

2017 – 2018
FACILITIES MANAGEMENT ANNUAL REPORT

**FACILITIES MANAGEMENT DEPARTMENT
INDIANA STATE UNIVERSITY
951 SYCAMORE STREET
TERRE HAUTE, IN 47809
(812) 237-8100 FAX: (812) 237-7630**

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**FACILITIES MANAGEMENT
DEPARTMENTAL HISTORY
2017-2018**

2017-2018 marks the 97th. Anniversary of the department's formation as a separate, professional entity serving the Indiana State University community.

Prior to its formation, responsibilities for maintaining our physical environment were given to various faculty members.

On July 1, 1921, the Indiana State University Board of Trustees created a department known as Buildings and Grounds, recognizing the growing importance of maintaining stewardship responsibilities for our campus facilities.

Carl Muehler became the first official Superintendent of Buildings and Grounds, in 1921 at an annual salary of \$2,100. He served in that capacity for fifteen years, retiring in 1936. From 1936 through 1948, Richard M. Roehm held the position.

In 1948 following World War II, the department's name was officially changed to Physical Plant and Boiler Room. It's director, Ray Bower, served in this position for only two years until 1950.

Again in 1950 the department's name changed and once again became Building and Grounds until 1970. During this twenty year period, four individuals served as department heads; 1950-1952 Ira Stout, 1952-1955 Richard Clifton, 1955-1960 Harry Bucholtz, and finally Ralph Dinkel, a local Vigo County engineer served as director from 1960 through 1970. With the departure of Director Ralph Dinkel, the Acting Director for one year became John White.

In 1971 Tom Dawson (died: July 18, 2014), a professional engineer with Indiana University-Bloomington's Physical Plant, joined the ISU staff as Director. He remained Director for thirteen years retiring to golf, travel, and photography in 1984.

Since 1984, Kevin L. Runion, registered architect, and registered landscape architect served the University first as Campus Architect and Associate Director, Director, then Assistant Vice President for Facilities Management, officially retired on June 30, 2018 as Associate Vice President for Facilities Management.

In 1986 the department's name was changed from Physical Plant to the Department of Facilities Management. During the department's 97 year history, not only has the department grown to reflect the growth within the University itself, but more importantly its growth indicates the increased importance the campus community places on stewardship of its resources in maintaining a quality environment for learning, teaching, and research.

In January 1997, the Department of Facilities Management was transferred from Business Affairs to the Division of Administrative Affairs, reporting to then Vice President Robert Schafer (Retired: June, 2006).

Five years later in August 2002, the Department of Facilities Management was transferred back to the Vice President for Business Affairs and Finance, reporting to Vice President Gregg Floyd (originally from Indiana University-Bloomington).

Then in July 2008 following Vice President Gregg Floyd's departure from ISU to Kent State University; then Budget Director and ISU alum Diann McKee with over 30 years of service with the University was named Vice President for Business Affairs and Finance and University Treasurer, effective December 5, 2008. In 2016, her title was modified to Senior Vice President for Finance.

**INDIANA STATE UNIVERSITY
FACILITIES MANAGEMENT DEPARTMENTAL DIRECTORS**

1921-1936.....(15 years).....Carl Muehler, 1936-1948.....(12 years).....Richard M. Roehm
1948-1950 (2 years)....Ray Bower, 1950-1952....(2 years)....Ira Stout
1952-1955.....(3 years).....Richard Clifton, 1955-1960.....(5 years).....Harry Bucholtz
1960-1970.....(10 years).....Ralph Dinkel, 1970-1971.....(1 year).....(Acting Director) John White
1971-1984.....(13 years).....Tom Dawson,
1984-2018.....(35+ years) Kevin L. Runion

MISSION STATEMENT

We plan, develop and maintain the physical environment and provide services which enhance Indiana State University's mission of teaching, research, life long learning, and public service
In support of our students, faculty, staff, visitors, and the Terre Haute community.

VISION STATEMENT

-SERVICE-

We constantly seek creative, visionary, and innovative solution
to better meet the ever changing campus needs.

We strive to create, promote, and maintain a safe and healthful campus environment.

-QUALITY-

We expect a high quality of integrity, performance, and professional behavior.
We take pride in the appearance and quality of our campus facilities.

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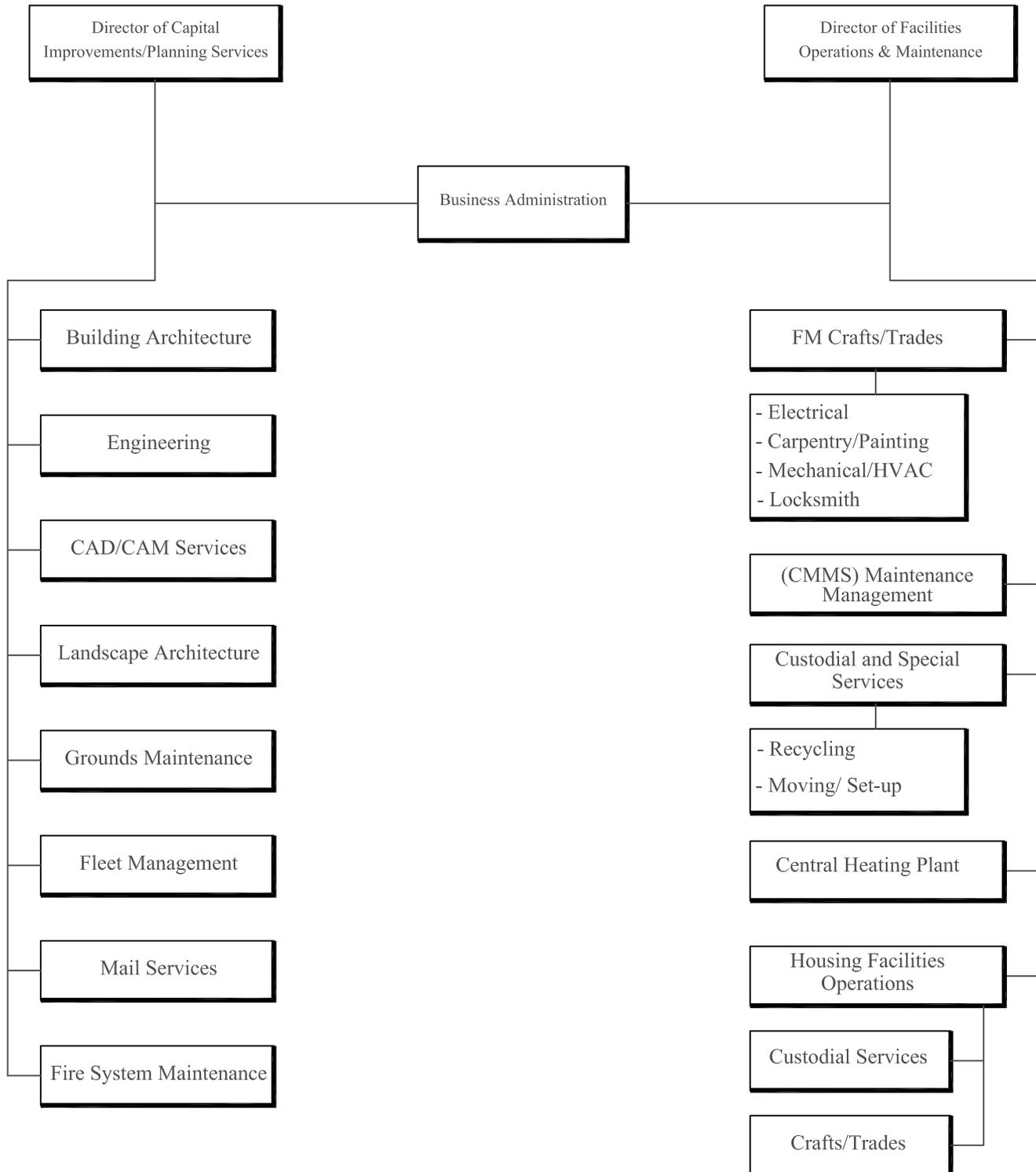
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1. Personnel Information

Indiana State University

Department of Facilities Management



**FACILITIES MANAGEMENT DEPARTMENT
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CUSTODIAL & SPECIAL SERVICES EMPLOYEES LIST (AS OF JUNE 30, 2018)**

INDIANA STATE UNIVERSITY

DEPT / NAME		START DATE	DEPT / NAME		START DATE	DEPT / NAME		START DATE
FULL-TIME CUSTODIANS 64					RECYCLE / MOVERS 11			
Anderson, Thomas	+	04-10-00	Lewis, Cherie K.	+	08-18-83	Attebery, Elizabeth	+	02-24-98
Atterson, Pamela		10-06-08	McMillen, Nellie	+	08-18-80	Gilliland, Michael	+	09-28-94
Auler, Carol Ann	+	08-15-05	Myers, Michael	+	05-07-07	Griffie, Kenneth		10-02-10
Bays, Shirley	+	11-04-02	Nickle, Brenda	+	11-20-06	Jones, James		05-05-17
Bemis, Randy	+	10-22-07	Norris, Rickie	+	11-27-00	Lingenfelter, Gary R.	+	10-02-95
Benjamin, David	+	04-14-03	Norris, Rodney	+	01-02-01	Lowe, James M.	+	06-13-88
Bentley, Renee		08-01-11	Parnell, Joshua		03-05-18	Schaaf, Charles (Chuck)		10-12-15 ¹
Blair, Pennie		10-23-17	Pettit, Lorri	+	11-01-04	Sharp, William		10-03-11
Bolin, Jessica		03-05-17	Pittman, Floyd (Dexter)	+	01-22-01	Shivers, Dawnar		09-02-08
Boyer, Evan		02-01-16	Pittman, William	+	01-22-01	Sinclair, Phillip	+	01-03-05
Bradbury, Linda	+	11-10-03	Reed, Paul A.	+	03-09-82	Tanner, Marty		11-13-17
Bridgewater, Von N.	+	08-31-87	Rooksberry, Marcia		10-10-11			
Budd, Alberta L.	+	09-26-01	Rust, Adam		11-27-17			
Clingerman, Susan	+	05-07-07	Sawtelle, Edward	+	11-30-98	UNIVERSITY MAIL SERVICES 4		
Daniels, Darla	+	08-26-96	Seymour, Harold R.	+	12-10-79	Harrison, Lisa	+	03-21-05
Day, Lorra		10-24-11	Shepard, Thomas	+	12-01-97	Hughes, Sheri	+	07-05-05
Dickerson, Julie D.	+	11-18-02	Smith, Gina		06-03-13	Strain, Melissa		07-26-16 ²
Earls, David		11-20-17	Smith, Karen	+	07-06-04	Tharp, Josey		01-08-17
Edington, Kenneth		02-06-16	Tharp, Kimberly		10-18-17			
Evans, Christopher		01-09-14	Turner, Deborah		07-22-13			
Evinger, Dusty D.	+	07-27-82	Utterback, Debra		11-17-14	CLERICAL 1		
Fell, Michael		09-07-10	Weathers, Coleman (Cole)		03-12-16	Wagner, Neal		07-25-11
Firestone, Jim L.	+	07-22-02	Wheeler, Flora	+	10-02-00			
Fox, Jacob		10-23-17	Wood, Ricky L.	+	06-20-88			
Goatee, Roseann (LeGail)		06-20-17	Woolard, Deborah	+	12-01-03	TEMPORARY EMPLOYEES 4		
Goodridge, Lester (Thomas)		11-02-15	Wright, Gail		08-15-11	Jackson, Justin	** +	06-10-08
Grindle, Melinda		11-29-10				Smith, Jack	** +	05-09-05
Hall, Michael		03-28-11				Wallace, Brian	** +	02-26-07
Hart, Dianne		07-15-13				Scott, Michael	** +	04-30-08
Hill, Robert	+	03-08-04	PART-TIME TEMPORARY CUSTODIANS 3					
Howard, Mary	+	12-06-99	Bemis, Linda	**	11-03-14			
Jackson, Stacey J.	+	10-15-01	Carter, Rhonda	**	07-28-14			
Johnson, James	+	06-26-00	Davis, Stefany	**	11-10-14			
Jones, Linda		08-01-11						
Kahl, John	+	10-23-78						
Keegan, John J.	+	11-12-90						
Keltner, Gary F.	+	11-13-89						
Kite, Leonard		09-02-08						
TOTAL FULL-TIME EMPLOYEES:					80			
** TEMPORARY EMPLOYEES:					7			
+ INDICATES 10 YEARS OR MORE OF SERVICE:					48	% WITH 10 OR MORE YEARS OF SERVICE:		60%

¹Worked here previously beginning 09-16-2013

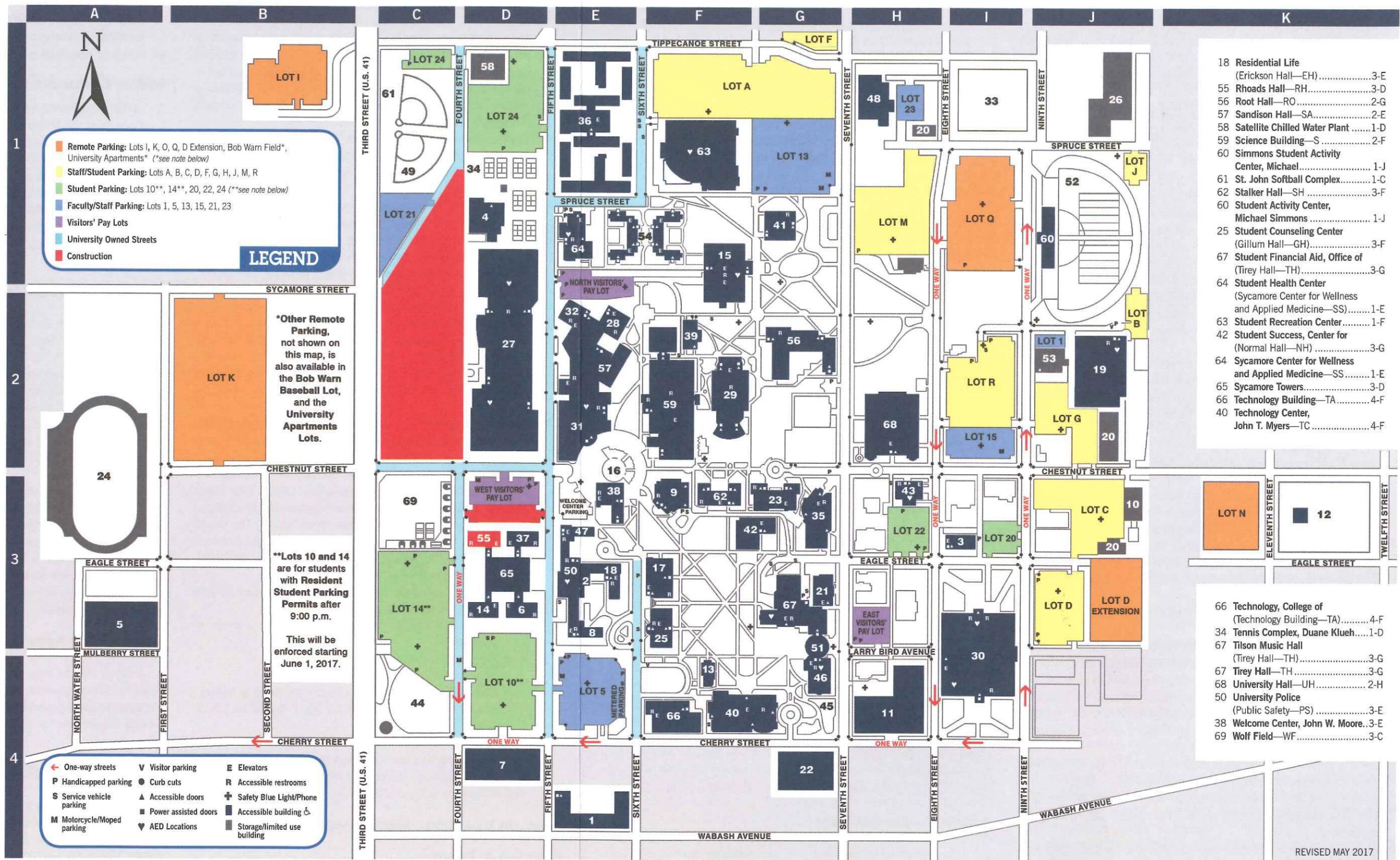
²Worked here previously beginning 08-17-2005

2. Building Information

INDIANA STATE UNIVERSITY MAIN CAMPUS

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- 9 Career Center.....3-F
- 10 Central Chilled Water Plant3-J
- 11 Cherry Street Parking Garage4-H
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- 12 Community Garden3-K
- 13 Condit House—CH4-F
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- 14 Cromwell Hall—CR3-D
- 15 Cunningham Memorial Library—LC1-F
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REVISED MAY 2017



**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
BUILDING INFORMATION**

INDIANA STATE UNIVERSITY

BLDG #		** METERS			GROSS SQUARE FEET	ASSIGNED SQUARE FEET	ACQUIRED DATE	RESPONSIBILITIES & TYPE OF UTILITIES
		E	C	S				
ACADEMIC BUILDINGS								
520	African American Cultural Center	*			8,200	5,396	1995	1,2,5,6,7
536	(IU) 8th Street Facility	*			4,500	3,700	1976	1,3,5,6
380	Arena / HHP/ NHHS (Under Renovation 2016-2017)	*			293,846	176,963	1962	1,2,3,4,6
570	Art Annex West	*			13,800	12,732	1972	1,2,5,6,7
055	Athletic Annex West	*			53,000	52,000	2015	1,5,6,7
288	Career Center (former Student Computing Center)	*			12,930	8,284	1993	1,2,3,4,6,10
442	Center for Multi-Media Services				2,783	1,100	1969	1,2,4,6,7
202	Dreiser Hall	*			51,809	28,943	1950	1,2,3,4,6,10
196	Fairbanks Hall	*			17,760	13,292	1979	1,2,3,4,7
330	Federal Hall (Scott College of Business)	*			90,000	63,000	2011	1,2,3,4,6,10
276	Fine Arts Building	*			63,379	36,989	1940	1,2,3,4,6,10
200	Gillum Hall	*			48,830	31,814	1950	1,2,3,4,6,10
360	Holmstedt Hall	*			99,324	50,898	1966	1,2,3,4,6,10
290	John W. Moore Welcome Center				22,847	13,226	1956	1,2,3,4,6,10
922	Kiewig Residence	*			3,338	3,338	1984	1,2,5,8
262	Landsbaum Center for Health Ed	*			34,170	20,835	2003	1,2,5,7
550	Library, Cunningham Memorial	*			172,356	134,172	1973	1,2,3,4,6,10
128	Myers Technology Center	*			110,000	74,500	1997	1,2,3,4,6,10
272	Normal Hall	*			40,688	30,789	1910-57	1,2,3,4,6,10
260	Nursing, College of	*			40,083	21,655	1970	1,2,3,4,6,10
278	Richard G. Landini Center for Performing and Fine Arts	*			41,604	26,432	1997	1,2,3,4,6,10
555	Root Hall	*			94,620	64,250	1989	1,2,3,4,6,10
362	Science Building	*			260,192	125,582	1960-68	1,2,3,4,6,10
364	Science North				6,535	3,997	1986	1,2,3,4,6
904	Stadium (Concession Stands, Club Room & Press Box)	*			6,279	4,200	1966-70	1,2,5,6,7,9
902	Stadium Dressing Room				9,606	5,500	1970-79	1,2,5,6,7
284	Stalker Hall	*			46,972	28,616	1954	1,2,3,4,6,10
564	Sycamore Cnt. For Wellness and Applied Medicine	*			54,476	33,892	1971	1,2,3,4,6
900	Sycamore Outdoor Center	*			2,910	1,800	1965-89	1,5,7,8,9
126	Technology (A)	*			51,962	36,403	1980	1,2,3,4,6
542	Theatre (New)	*			12,971	7,994	1966	1,2,3,4,6
194	Tilson Hall				23,621	12,000	1940	1,2,3,4,6,10
192	Tirey, Heritage Lounge / Ballroom				95,257	52,078	1940	2,3,4,6,10
340	University Hall (Bayh College of Education)	*			157,119	94,591	1935/2009	1,2,3,4,6
	University Pavilion:							
188	Parsons Hall	*			45,115	23,766	1993	1,2,3,4,6,10
190	Rankin Hall	*			37,337	22,147	1993	1,2,3,4,6,9,10
	ACADEMIC BLDG. SQ. FT. (37)				2,130,219	1,326,874		
AUXILIARY BUILDINGS		E	C	S				
721	Hazardous Waste Recycling (Former Morge Bldg)	*			8,966	8,050	1983	5
500	Commons (Food Court)	*			51,428	36,682	1991	6,7
122	Condit House (Home of the University President)				12,082	7,011	1962-68	1,2,3,4,6
300	Facilities West (Sherwin Williams Storage)	*			45,660	45,660	2016	
N/A	Flight Academy	*			22,152	22,152	2013	
170	Hulman Center	*			174,011	115,549	1973	3,4,6,10
558	Hulman Memorial Student Union	*			98,303	66,112	1963-89	3,4,6
N/A	Public Safety Storage Building	*			3,200	3,200	2017	4,6,7
525	Michael Simmons Student Activity Center				3,000	1,600	2005	1,2,5,6,9
601	Student Recreation Center	*			190,450	80,000	2008	1,3,4,6
	AUXILIARY BLDG. SQ. FT. (10)				609,252	386,016		
ADJACENT BUILDINGS (AREAS NORTH OR EAST OF CAMPUS)		E	C	S				
N/A	219 North 11th Street (Community Gardening Initiative)	*			1,696	1,187	2007	1,5,6,7
N/A	936 North 7th Street (Mullens Guest House)	*			2,680	1,876	2006	1,5,6,7
N/A	Theater Storage Bldg.	*			6,147	6,147	2012	7,8
N/A	720 Elm Street	*			1,500	1,100	2005	7,8
	ADJACENT BLDG. SQ. FT. (4)				12,023	10,310		
SERVICE BUILDINGS		E	C	S				
531	Central Heating Plant	*			44,603	5,019	2001	1,2,3,4,6
165	Central Chilled Water Plant	*			11,634	144	1992	1,5,6,7
N/A	Cherry Street Parking Garage	*			310,086	310,086	1991	5,6
624	Satellite Chilled Water Plant	*			7,220	7,220	2011	1,2,4,6,7,10
400	Facilities Management & Purchasing	*			58,726	56,500	1983	1,2,5,6,7

**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
BUILDING INFORMATION**

INDIANA STATE UNIVERSITY

BLDG #		** METERS			GROSS SQUARE FEET	ASSIGNED SQUARE FEET	ACQUIRED DATE	RESPONSIBILITIES & TYPE OF UTILITIES
		E	C	S				
SERVICE BUILDINGS (Continued)								
402	Facilities Management Annex/Custodial	*			4,960	4,200	1983	1,2,5,6,7
404	Facilities Management Annex II (Recycling Center)				5,483	5,000	1991	1,2,5,6,7
248	Facilities Management Bldg. #1 (Moving & Set-up Storage)				2,700	2,565	1975	1,5
515	Grounds Maintenance Bldg.	*			38,440	30,000	1997	1,2,4,6,7
940	Hardware Supply (To Be Razed 2016 - 2017)	*			15,000	10,500	2004	1,2,5,6
271	Stadium (Storage Only)				1,059	900	1969	1,5,7
SERVICE BLDG. SQ. FT.(11)					499,911	432,134		
RESIDENCE HALLS		E	C	S				
N/A	500 Wabash Ave. (30 Year Lease)	*			125,000	103,000	2015	
220	Blumberg Residence Hall	*			87,732	61,968	1964	3,4,6
210	Burford Residence Hall	*			59,912	43,728	1959	3,4,6
222	Cromwell Residence Hall (under Renovation 2016-2017)	NA			87,378	61,608	1964	3,4,6
212	Erickson Hall	*			78,690	41,035	1962	1,2,3,4,6,10
914	Family Housing - Unit 1	*			59,464	43,976	1964	5,6,7
916	Family Housing - Unit 2	NA			75,099	51,531	1967	5,6,7
918	Family Housing - Unit 3	NA			97,784	72,063	1969	5,6,9
920	Family Housing - Unit 4	NA			107,612	81,618	1971	5,6,9
454	Hines Residence Hall	*			70,431	46,885	1966	3,4,6,10
456	Jones Residence Hall	NA			70,431	46,885	1966	3,4,6
770	Lincoln Quad - North	*			81,202	50,584	1969	3,4,6
640	Lincoln Quad - South	NA			79,242	49,524	1969	3,4,6
300	Mills Residence Hall	NA			87,610	61,590	1965	3,4,6
292	Pickerl Residence Hall	*			59,823	40,676	1963	3,4,6
565	Reeve Residence Hall (East)	*			64,000	45,000	2014	3,4,6
560	Reeve Residence Hall (West)	*			64,000	45,000	2014	3,4,6
320	Rhoads Residence Hall	NA			86,760	60,888	1965	3,4,6
450	Sandison Residence Hall (Under Major Renovation 2009 - 2010)	NA			64,707	44,422	1962	3,4,6
RESIDENTIAL LIFE SQ. FT. (18)					1,506,877	1,051,981		
TOTAL NUMBER OF MAJOR BUILDINGS:					80			
TOTAL SQUARE FT OF BUILDINGS:					4,758,282			
NUMBER OF BLDGS. SERVED 10 YRS AGO, 2006 - 2007:					72			
TOTAL SQ. FT. OF BLDGS SERVED 10 YRS AGO					4,341,089			
* Properties North or East of Campus NOT Included								
CLASSIFICATION OF BUILDINGS:					2017 - 2018			
Academic (37)					2,130,219			
Adjacent (4)					12,023			
Auxiliary (10)					609,252			
Service (11)					499,911			
Residence Hall (19)					1,506,877			
TYPE OF UTILITIES/RESPONSIBILITIES:								
1. Facilities Management Maintenance					2,422,959			
2. Facilities Management Custodial					2,324,996			
3. Central Heating System					3,697,170			
4. Main Electrical Distribution					3,238,388			
5. Isolated Electrical Distribution					506,317			
6. Water and Sewage					3,808,272			
7. Isolated Gas Heat					299,893			
8. Isolated Oil Heat					30,616			
9. Isolated Electric Heat					250,804			
10. Central Chilled Water Distribution					1,338,505			
NON-BUILDING CAMPUS AREAS:								
Dede Plaza					66,591			1,4,6
Gibson Track and Field					406,000			1,5,6,9
Kennedy Field					208,000			1
Marks Field					204,081			1,5,6
Memorial Stadium					300,000			1,2,4,6,7
Oakley Place - (Signature Piece)					120,000			1,5,6
Price Field - (Softball)					210,000			1,2,5,6
Student Recreation East					590,000			1,2,5,6
Sycamore Field - (Baseball)					1,723,297			1,2,5,6
Varsity Soccer Field (Returned to Intramural July 2009)					140,000			1,2,5,6
Wolf Field					78,717			1,5,6

** Individual Meters...E 'Electrical', C 'Condensate', S 'Steam'

**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
STATEMENT OF VALUES**

INDIANA STATE UNIVERSITY

AMF Location #	Building	Description/Location of Property	Year of Construction	2017 - 2018		
				Building Value	Contents Value	
46	500 Wabash Condominiums-Unit #1	500 Wabash Ave	2015	10,100,000	688,000	
23	African-Am. Cultural Ctr.	301 North 8th Street	1950	1,092,000	130,000	
6	College of Health and Human Services	Arena	401 North 4th Street	1962 & 1986 (Acquired 1993)	53,019,714	2,716,250
		New Addition	401 North 4th Street	2017/18	43,500,000	2,100,000
6	Art Annex	537 North 4th Street	1955	942,898	108,650	
38	Athletic Annex West	55 Eagle Street		5,126,000	139,000	
33	Baseball Dugout, Fences, Bleachers, Infield Turf	First and Locust Street	2010	2,448,000	0	
31	Brazil Property	Caretaker's Home	1373 West Co. Rd 700 N, Brazil	1958	15,000	0
		Equipment Building	1373 West Co. Rd 700 N, Brazil	1986	34,008	32,595
		Classroom & Teaching Center	1373 West Co. Rd 700 N, Brazil	1958	170,040	16,298
21	Burford Residence Complex	Burford, Pickerl, Erickson Hall and Commons)	200, 218 and 220 North 6th Street	1959, 1962 & 1963	33,993,000	1,513,000
17	Career Center	231 North 6th Street	1993	3,560,000	291,000	
8	Center for Multi-Media Services	601 Sycamore Street	1969	250,000	27,163	
19	Central Chilled Water Plant	945 Chestnut Street	1992	9,986,000	306,000	
4	Central Heating	625 North 7th Street	2001	26,145,000	711,000	
25	Cherry Street Parking Garage	750 Cherry St	2008	16,390,000	1,082,000	
1	Chilled Water Plant (Satellite)	443-489 Tippecanoe St	2011	8,017,516	0	
11	Commons, The	550 Chestnut Street	1991	7,975,000	1,110,000	
24	Condit House		629 Mulberry Street	1860 Acq. 1962 Remod 2008	1,769,000	313,000
		Condit House Garage	629 Mulberry Street		86,000	11,000
8	Cunningham Memorial Library	510 6 1/2 Street	1971	38,449,000	17,229,000	
8	Cunningham Memorial Library	Library Books	510 6 1/2 Street	1971		50,000,000
22	Dreiser Hall	221 North 6th Street	1950	13,345,000	2,570,000	
5	Facilities Management	Grounds & Storage	960 Spruce	1949 & 1989	3,288,547	325,950
15	Facilities Management	Custodial Bldg.	449 North 9th Street	1940	197,078	271,625
15	Facilities Management	Serv/Storage Bldg.	951 Sycamore Street	1946 & 1978	2,455,472	1,086,500
40	Facilities Management	Shop & Storage Bldg.	920 Eagle Street	1963	292,229	21,730
17	Fairbanks (Art Dept.)	220 North 7th Street	1904	6,930,000	643,000	
29	Family Housing	Unit #1	100 Farrington Street	1964	10,655,660	217,300
		Unit #2	200 Farrington Street	1962	14,120,961	108,650
		Unit #3	201 Crawford Street	1968	18,767,777	108,650
		Unit #4	101 Crawford Street	1970	19,098,139	108,650
27	Federal Hall (Scott College of Business)	7th and Cherry Street		26,948,000	2,991,000	
17	Fine Arts	649 Chestnut Street	1939	14,688,000	1,746,000	
43	Flight School at TH Airport	581 S Airport St, Bldg #12	1980	-	350,000	
38	Gibson Track & Field Facility	1st Street and Chestnut Street	2015	4,500,000		
22	Gillum Hall	217 North 6th Street	1950	10,190,007	2,335,975	
12	Holmstedt Hall	620 Chestnut Street	1966	17,295,000	4,506,000	
34	Hospitality House	939 North 7th Street		260,161	36,040	
26	Hulman Center	200 North 8th Street	1972	55,000,000	399,000	
11	Hulman Memorial Student Union	550 Chestnut Street	1961 & 1990	16,526,000	1,412,000	
11	Jones & Hines Residence Halls	455 and 460 North 5th Street	1966	33,356,000	1,368,000	
36	Kiewig Woods Home (demolition only)	5853 West Kiewig Drive	1941	50,000	5,433	
30	Landsbaum Center for Health Education	1433 North 6 1/2 Street	2003	11,167,817	5,215,200	
26	Larry Bird Statue (\$5k ded)	200 North 8th Street	2013	150,000		
17	Landini Center for Performing and Fine Arts	300 North 7th Street	1997	14,463,000	1,522,000	
2	Lincoln Quad	650 North 6th Street	1969	39,626,000	1,556,000	
2	Lincoln Quad Commons	650 North 6th Street	1969	7,282,000	260,000	
4	Morge Building	608 North 8th Street	1945	95,063	55,412	
24	Myers Technology Center	650 Cherry Street	1997	31,761,000	2,405,000	
17	Normal Hall	650 Eagle Street	1907	17,129,000	1,474,000	
18	Nursing Building (Old)	749 Chestnut Street	1970	7,955,091	923,525	
17	Parsons Hall	200 North 7th Street	1992	9,590,000	2,569,000	
37	Quad Concourse	Borders Eagle & Mulberry Streets		2,040,000	0	
17	Rankin Hall	210 North 7th Street	1970	6,045,000	1,018,000	
44	Reeve Hall	550 and 555 6th Walk	2014	25,348,000	738,000	
13	Root Hall	424 North 7th Street	1989	18,255,000	5,673,000	
11	Sandison Hall	440 North 5th Street	1961	14,988,000	677,000	
8	Science	Bldg. North	455 North 6th Street	1985	2,306,703	217,300
8	Science	Main Science Bldg.	600 Chestnut Street	1960 & 1967	64,911,000	12,965,000
45	Sherwin-Williams Warehouse	180 Canal Street		1,000,000	0	
28	Stadium	Memorial Arch	3300 Wabash Avenue	1938	890,329	0
		Stadium/Press Box	3300 Wabash Avenue	1970	6,359,496	27,163
		Dressing Room	3300 Wabash Avenue	1970 & 2009	1,144,709	108,650
		Exterior Lighting	3300 Wabash Avenue		381,570	0
		Synthetic Turf	3300 Wabash Avenue	2008	813,104	0
17	Stalker Hall	621 Chestnut Street	1954	12,959,000	1,804,000	
42	Storage	817-833 N 3rd St	1966	98,600	0	
7	Student Activity Center	530 North 5th Street	2005	930,750	10,600	
3	Student Recreation Center	5th Street	2009	23,540,000	942,000	
7	Sycamore Center for Wellness and Applied Medicine	530 North 5th Street	1971	15,225,801	1,032,175	
20	Sycamore Towers - Residence Halls	410/400 Mulberry Street and				

**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
STATEMENT OF VALUES**

INDIANA STATE UNIVERSITY

AMF Location #	Building	Description/Location of Property	Year of Construction	2017 - 2018	
				Building Value	Contents Value
20	Sycamore Towers (Blumberg, Cromwell, Mills, Rhoads & Commons)	401/411 Chestnut Street	1962 & 1963 2015/18 Renovation	81,039,136	1,734,850
24	Technology Bldg. (A)	101 North 6th Street	1980	11,350,754	2,173,000
6	Tennis Courts (8)	North 5th Street (Near Arena)	1988 & 1989	508,760	0
9	Terre Haute Center for Medical Education	526 North 8th Street (Animal Fac)	1975	788,571	86,920
8	Theatre Building, New	536 North 7th Street	1953	1,994,757	217,300
41	Theatrical Storage Barn	820 N 4th Street	1992	288,072	20,000
17	Tirey Hall (Tilson)	220 North 7th Street	1938	21,385,000	908,000
14	University Hall (College of Education)	401 North 7th Street	1935 & 2009	33,842,000	7,748,000
16	Welcome Center, John W. Moore	318 North 6th Street	1956	4,937,000	408,000
47	Leased Student Housing (former frat house)	730 N 6th Street	2005	1,700,000	
	WISU Equipment Bldg.	West Terre Haute	1989	61,149	81,488
	WISU Relay Tower	West Terre Haute		445,165	0
	Yard/Outside (incl. exterior lighting)	Landscaping Property in open		6,514,036	0
TOTALS:				1,032,342,640	153,706,042
GRAND TOTAL:					1,186,048,682

3. Project Completions / Work Orders Completions

NO.	PROJECT NAME & DESCRIPTION	PROJECT COORDINATOR	PROJ. NO.	EST. COST	FINAL COST	CONTRACTOR	COMPLETE/ FUNDING SOURCE
1	Arena- Performance Cnt. Ph II	S.Tillman	1617-020	\$ 400,000	\$ 104,640	Evan & Ryan	(ASPORT)
2	Athletics- Memorial Stadium Lighting	P.Teeters	1617-009	\$ 500,000	\$ 449,865	MUSCO	(MSTADL)
3	Campus- 1st St. Island Enhancements	S.Krull	1617-011	\$ 26,000	\$ 26,000	ST Const.	(ISTLND)
4	Campus- Sealcoat & Striping	S.Porter	1617-033	\$ 150,000	\$ 82,484	Preferred	(SEALCT)
5	Campus- Tunnel T-2; PH II	S.Culp/S.Porter	1415-051	\$ 750,000	\$ 620,400	CDI	(TUNREN)
6	Dreiser Hall- Restroom Upgrades	S.Tillman	1516-012	\$ 149,682	\$ 149,682	Evan & Ryan	(DREREN)
7	Gillum Hall- Restroom Upgrade	S.Tillman	1415-025	\$ 100,000	\$ 55,705	MSI	(GILHAL)
8	HMSU- ADA Entrance Modification	S.Tillman	1718-001	\$ 15,000	\$ 14,485	Neff	(ADA)
9	Hines/Jones- Metal Edging	S.Culp/S.Porter	1617-007	\$ 650,000	\$ 247,218	CDI	(HJCONC)
10	Holmstedt Hall- THCMED (2 Labs)	S.Culp/S.Porter	1617-034	\$ 500,000	\$ 257,000	CDI	(IMEDHH)
11	Myers Technology- Rm. 212 Engr. Lab	S.Tillman	1617-037	\$ 50,000	\$ 42,885	REN Con	(MYR212)
12	Sandison Hall-Sewage Ejector Pump	G.Luken	1617-054	\$ 46,000	\$ 44,950	Freitag	(RESLIFE)
13	Science Bldg. - 160 Classroom	S.Tillman	1617-042	\$ 21,300	\$ 21,300	Evan & Ryan	(MAINTE)
14	Science Bldg.- Corridor Enhancement	S.Culp/S.Porter	1617-017	\$ 1,500,000	\$ 1,375,000	Hannig	(SCBCOR)
15	Science Bldg.- Radiation Safety Office	S.Tillman	1617-025	\$ 20,000	\$ 18,950	Evan & Ryan	(SCBCOR)
16	Science Bldg.- Reroof II	S.Culp/S.Porter	1617-017	\$ 600,000	\$ 599,000	CDI	(SBROOF)
17	Sycamore Towers-Rhoads Hall PH IV	S.Culp	1617-006	\$ 18,000,000	\$ 16,647,000	Hannig	(SYCTW4)
18	Sycamore Trail- Fitness Stations	S.Tillman/B.Duncan	1617-003	\$ 50,000	\$ 29,800	MSI	(HTEXT)
19	Technology 'A'- Room 238	S.Tillman	1617-055	\$ 10,000	\$ 10,600	HEF	(TECHIT)
20	University Apts.- Fire Alarm Unit #3 & #4	P.Teeters	1314-049	\$ 750,000	\$ 690,702	Crown	(UAFIRE)
21	University Hall-Metal Coping	S.Culp/S.Porter	1617-034	\$ 50,000	\$ 29,584	Blakely	(MASNRP)
TOTALS:				\$ 23,937,982	\$ 21,412,610		

CLOSED WORK ORDERS (Completed by In-House Trades)

	Building Name	Coordinator	TMA #	Date	Cost
1	HHS Install (2) Refrigerated Water Fountains/Bottle Fillers	M. Pupilli	FM-44491	8/24/2017	\$ 10,000
2	Holmstedt Hall-Install Industrial Sink in 292	M. Pupilli	FM-44490	8/24/2017	\$ 6,000
3	Gillum Hall-Install Sound Dampening Gaskets on (18) Office Doors	D. Evans	FM-45777	11/2/2017	\$ 5,400
4	SWAM-Renovations in (2) Offices	D. Evans	FM-46226	3/19/2018	\$ 4,500
5	Root Hall-Cabinets, Paint, Carpet in 006	D. Evans	FM-45065	12/7/2017	\$ 4,600
6	Root Hall-Windows, Lights, Carpet	D. Evans	FM-45066	1/11/2018	\$ 5,000
7	Bayh College of Ed-Carpet and Wall in 110G	D. Evans	FM-49599	6/14/2018	\$ 8,650
8	CML-Build (2) Offices	D. Evans	FM-46514	1/19/2018	\$ 12,500
TOTAL:					\$ 44,150

COMPLETED LABOR ONLY PROJECTS (Business Affairs Requisitions Material; FM Provides Labor)

	Building Name	Coordinator	Date	Cost
1	Art Annex-Improvements to Ceramics Area	M. Pupilli	8/10/2017	\$ 45,500
2	SRC Mixing Valve Replacement	M. Pupilli	8/20/2017	\$ 10,000
3	Lincoln Quad-Replace Medium Voltage Feed to Stairwell #10	M. Pupilli	8/24/2017	\$ 15,000
4	Myers Tech-Mixing Valve Replacement	M. Pupilli	8/10/2017	\$ 15,000
5	University Apts.-Boiler Replacement, Phase I	M. Pupilli	8/31/2017	\$ 75,000
6	SCWP-Repair Tie Breaker	M. Pupilli	12/14/2017	\$ 11,000
7	CCWP-Rebuild Chiller 'C'	M. Pupilli	1/25/2018	\$ 75,000
8	Science VFDs	M. Pupilli	1/25/2018	\$ 100,000
9	Science-Upgrade Heat Exchangers on Glycol Recovery Systems	M. Pupilli	2/8/2018	\$ 25,000
12	Gillum Makeup O/A Unit	M. Pupilli	1/11/2018	\$ 10,000
13	Campus--Replace Total of (11) Variable Drives (5) ATC, (4) CPFA, (1) HH, (1) Science	M. Pupilli	4/5/2018	\$ 20,000
14	University Pavillion--Install CW Booster Pump	M. Pupilli	6/14/2018	\$ 15,000
TOTAL:				\$ 416,500

Task Code	Task Category	Qty. Complete	Trade Total	Trade %
CARPENTRY				
10000	Construct or Build	29		
10001	Repair/Replace Doors	83		
10002	Repair/Replace Windows	35		
10003	Repair Walls	15		
10004	Repair Ceilings	93		
10005	General Carpentry Repair	209		
10006	Hang or install items	215		
10007	Fabricate/Order Signs	160		
10008	General Inspection, Carpentry	2		
10009	Carpet Installation/Repair	16		
10010	Assemble/Disassemble Items	63		
10012	Roof Leak	69		
PM-D-3	PM Drains, Roof, Gutter	10		
Total for Carpentry			999	
<i>% of Grand Total</i>				<i>20.82</i>
PAINTING				
20000	Paint/Patch Existing	20		
20002	General Painting	43		
Total for Painting			63	
<i>% of Grand Total</i>				<i>1.31</i>
LOCKS				
18000	Repair/Replace Existing Locks	98		
18001	Install New Locks	124		
18003	General Lock & Key Maintenance	167		
10084	Core Change	82		
18005	Install or repair door closures or handles	67		
Total for Locks			538	
<i>% of Grand Total</i>				<i>11.21</i>
ELECTRICAL				
11000	Repair/Replace Lights	624		
11001	Repair/Replace Switches	38		
11002	Repair/Replace Recepticles	21		
11003	General Electrical Repair	221		
13001	Repair/Replace Smoke Detector	16		
11004	Wiring Installation/Modification	22		
11005	Event Electrical Setup	25		
13005	Check/Silence Active Alarm	6		
PM-E-40	PM Emergency Generator Engines	345		
PM-F-14	PM Automatic Fire Detection Or Alarm Device	232		
PM-E-ADA	PM Door Openers, ADA type	16		
PM-E-OL	PM Outside Lighting	12		
Total for Electrical			1578	
<i>% of Grand Total</i>				<i>32.89</i>

Task Code	Task Category	Qty. Complete	Trade Total	Trade %
HVAC				
16000	Room Temperature Problems	327		
16001	Repair/Replace HVAC Equipment	16		
16003	General HVAC Repair	141		
16004	General Mechanical/HVAC Inspection	91		
PM-17225	PM Cooling Tower	17		
PM-17450	PM Heating System Pump	18		
PM-AHU	PM Air Handler Units / Filter Change/ Maintenance	181		
Total for HVAC			791	
<i>% of Grand Total</i>				<i>16.49</i>

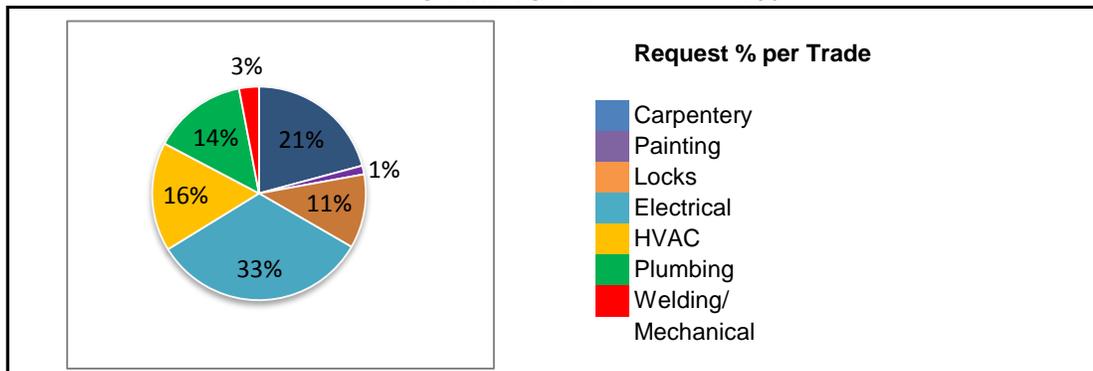
PLUMBING				
23000	Water Drainage Problem	62		
23001	Water Source Problem	19		
23002	Repair/Replace Fixtures	62		
23003	General Plumbing Repair	356		
PM-F-44	PM Fountain, Memorial Or Decorative	9		
PM-S-7	PM Sump Pump	5		
PM-W-1	PM Service R.O. Water Filter Systems	9		
PM-W-3	PM Water Softener	138		
PM-W-4	PM Filter, Water	16		
PM-H-10	PM Irrigation and Ground Hydrants	9		
Total for Plumbing			685	
<i>% of Grand Total</i>				<i>14.28</i>

WELDING / MECHANICAL				
16006	Mechanical repair/adjustment	104		
24000	General welding repair	30		
PM-X-33	PM Parking Meters	10		
Total for Welding / Mechanical			144	
<i>% of Grand Total</i>				<i>3.00</i>

All Completed Requests

GRAND TOTAL

4798



4. Roof Maintenance

**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
ROOF MAINTENANCE**

INDIANA STATE UNIVERSITY

UPDATED: August 30, 2018

BLDG. NO.	BUILDING NAME	ROOF AREA (SF)	ROOF TYPE	WARRANTY HOLDERS/CONT.	DATE OF LATEST REPAIR/REP'L	REPLACE DATE (EST. ONLY)
510	African-American Cultural Center	4,000	Modified/BUR w Pyramic	ARP	2014	2034
55	Athletic Annex West	51,245	Standing Seam Metal	N/A	N/A	2016
N/A	Baseball Field- (Sycamore Field)					
	Baseball Dugouts	1,904	EPDM Fully Adhered	CDI 20 year	2013	2033
	Press Box	800	EPDM	CDI 20 year	2010	2030
	Locker Room		Asphalt Shingles	CDI 20 year	2010	2030
N/A	Softball Press Box		Shingles	20 year	1999	2017
	Dugouts	1,104	EPDM Fully Adhered	20 year	2006	2021
340	Bayh College of Education at University Hall	46,000	Firestone EPDM (20 yr. warranty)	B&L Roofing/Firestone	2008	2028
220	Blumberg Hall	12,416	Modified (30 yr. warranty)	Garland	2016	2046
N/A	Brazil Campus - Classroom	3,250	4 Ply B.U.R. w/Ballast (20 yr. warranty)	Tremco	1999	2019
	Storage Garage	1,200	Asphalt Shingles	Neff	2005	2025
	Caretaker's Garage	N/A	Asphalt Shingles	Universal Builders	2006	2026
210	Burford Hall- Kitchen and Public Safety	17,616	Genflex (20 yr. warranty)	Genflex, Martinsville Roofing	1998	2018
288	Career Center	13,000	Modified	Garland/ARP	2013	2043
278	Center for Performing & Fine Arts (Landini Hall)	35,000	EPDM (20 yr. Warranty)	Carlisle/ ARP	1996	2016
165	Central Chilled Water Plant	7,200	EPDM (20 yr. warranty)	CRC Roofing/ ARP Carlisle-Repairs 2016	1992	2019
442	Center for Multi-Media Services	3,900	Cap Sheet	No Warranty	2011	2027
532	Central Heating Plant	24,497	Standing Seam Metal	ARP	2001	2026
380	College of Nursing, Health & Human Services (Arena)					
	North Addition	112,000	30 Yr. Modified Garland Modified ARP (20 year Warranty)	Garland/ARP	2017 Center section replaced in 2012	2032
	Western Addition 2018					2048
	Units					
	A -Folded Plate	42,500	Metal & Modified	Garland/ARP Manville/ 30 year warranty	2001	2031
	B - Sections	29,760	30 Yr. Modified	ARP/ Built up Garland	17/18	2048
	C - East	7,900	30 Yr. Modified	ARP/ Built up Garland	2008	2038
	D-Center (former court yard)	10,000	Fully Adhered EPDM (20 year warranty)	ARP	2007	2027
	E-Coaches Offices	1,920	Versico EPDM	Martinsville	1999	2015 ASAP
	W-Coaches Offices		EPDM	?	?	Replace ASAP
122	Condit House	4,000	Faux Slate	ARP/Manco simulated	2006	2056
	Condit House Garage	1,500	Architectural Shingles	ARP	2008	2033

**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
ROOF MAINTENANCE**

INDIANA STATE UNIVERSITY

UPDATED: August 30, 2018

BLDG. NO.	BUILDING NAME	ROOF AREA (SF)	ROOF TYPE	WARRANTY HOLDERS/CONT.	DATE OF LATEST REPAIR/REP'L	REPLACE DATE (EST. ONLY)
222	Cromwell Hall	12,416	30 Yr. Modified	Garland	2017	2047
550	Cunningham Memorial Library	37,357	Modified (30 yr. full warranty)	Garland	2017	2047
	New Roof East Entry	3,500	EPDM	Carlisle, ARP	1999	2019
	Walkway Roof		Ballasted Modified	ARP/Firestone	2007	2027
	10 Lower Roof Systems		Modified		2012	2032
202	Dreiser Hall	14,400				
	West Section		Modified	Garland/ARP	2007 Replacement	2037
			New Metal Coping	2016		
	East Section				2007 Replacement	2037
212	Erickson Hall- Main Building	11,393	Modified	ARP/Garland	2013 Replacement	2043
	South Main Entry	400	Modified	ARP/Garland		2048
400	Facilities Mng't/Purchasing					
	Crafts Area	16,400	3 Ply/SBS	ARP/Schuller	1994	2019
	East Addition	24,500	4 Ply B.U.R. w/Ballast	Schuller/ARP	1994	2019
	South Corridor	2,200	60 Mil EPDM	ARP/Carlisle	1994	2017
	Custodial/ Recycling	2,700	Shingle	Universal Builders	2006	2026
	Grounds Building	38440 total for all roof syst.	North 1/3 Fully Adh EPDM South 2/3	ARP/Firestone 20yr ARP/Firestone 20yr	2009 2010	2029 2030
196	Fairbanks Hall	10,500	Asphalt Shingles	ARP	1994	2017
	Cornice Topping		EPDM	ARP	1994	2017
	Gutters		Simplast Coated	ARP	1994	2017
330	Federal Hall Scott College of Business	20,000	Fully Adhered EPDM (20 year warranty)	B&L	2011	2031
570	Fine Arts West (Art Annex)	20,623	Modified Bit (20 Yr. Warranty)	ARP	2011	2032
296	Fine Arts	8,700	EPDM Martinsville	Martinsville Carlisle (15 yr. warranty)	1998 Complete Reroof	2018
	Center Section	5,900	Faux Slate	Midwest Roofing, Ohio	2011	2042
318	Gibson Track & Field Start/Finish Building	TBT	EPDM (20 Year Warranty)			
200	Gillum Hall	11,500	Modified	Garland/ARP	2016	2045
454	Hines/Jones Hall	8,603	Modified BUR	Garland/ARP 30 yr.	2009	2039
360	Holmstedt Hall	36,700	4 Ply B.U.R. w/Gravel (20 yr. full warranty)	Manville/ Hartmann	1987 Replacement	2020
936	Hospitality Home (Former Mullins Home)	5,000	Architectural Shingle (35 year warranty)	Universal Builders	2007 New	2032
170	Hulman Center	100,000	PVC, 60 mils (20 yr. warranty)	Midland Engineering	2012 New	2032
452	Hulman Memorial Student Union (HMSU)	11,900	Fully Adhered/ Re-Coated (20 year warranty)			2032
			Metal Panels			
			DD I Fully adhered white	Garland	2003	2023
			All other 1st floor sections			
			4 ply BUR Garland			

**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
ROOF MAINTENANCE**

INDIANA STATE UNIVERSITY

UPDATED: August 30, 2018

BLDG. NO.	BUILDING NAME	ROOF AREA (SF)	ROOF TYPE	WARRANTY HOLDERS/CONT.	DATE OF LATEST REPAIR/REP'L	REPLACE DATE (EST. ONLY)
	HMSU Tower Roof	3,420	Metal (blue) roof sections Modified Capsheet 2015 Penthouse	Garland/ARP 40yr Garland/ARP 40yr	2011 2011	2041 2041
128	John T. Myers Technology Center	39,256	EPDM w/Ballast	Carlisle ARP	1997 New	2020
290	John W. Moore Welcome Center	13,716	TPO Fully Adhered	B & L 20 yr. Warranty	2012	2032
922	Kieweg Residence	2,650 s.f.	Shingles (30 yr. warranty)	Universal Builders/30 yr	2007	2037
262	Landsbaum Medical Center	21,700	EPDM W/Ballast	Firestone 20 yr. B & L Sheet Metal and Roofing	2002 New	2022
770	Lincoln Quad (North)	81,202	20 year warranty	Garland Modified	2004	2024
640	Lincoln Quad (South)	79,242	20 year warranty	Garland Modified	2003	2023
904	Memorial Stadium Monument	1,628	Fully adhered EPDM	Dow	1999	2019
	Women's Locker Room	1,450	4 Ply B.U.R.w/Ballast	Manville	2005	2025
	Men's Locker Room	14,400	Fully adhered EPDM	Firestone/ARP 20 year	2009	2029
	Pressbox	2,340	4 Ply B.U.R.w/Ballast	Garland	2009	2039
	Concession Stands	2,184	(15 yr. warranty) EPDM	Versico	1999	2018
	200 Club Roof	1,500	EPDM covered by asphalt		2005	2025
380	Michael Simmons Student Activity Center	3,000 EPDM 2,000 Shingle	Firestone fully adhered EPDM and Atlas 30yr Shingles on center section	Laughrey Brothers	2005	2035
300	Mills Hall	12,416	Modified (30 yr. warranty)	Garland	2015	2045
721	Morge Building	4,500	(30 yr . warranty)	Garland ARP	2009	2039
	New North Housing	31,800	Tamco Laminated Asphalt Shingles	B & L Sheet Metal	2013 new	2043
272	Normal Hall	8,000	Mod BUR w Pyramic	Garland/ARP	2015	2045
260	Nursing, College of Original	10,400	4 Ply B.U.R. (20 yr. warranty)	Manville/ARP	1993	2015
188	Parsons Hall	4,442	Slate EPDM	Hartmann Carlisle/ Hartmann	1992 new 1992 new	2022 2022
292	Pickerl Hall	17,100	Garland Modified	ARP	2011	2042
190	Rankin Hall	6,350	Modified 4 ply built up (30 year warranty)	ARP/Garland	2006	2036
560/565	Reeve Hall	31,800	Tamco Asphalt Shingles (40 year warranty).	B&L Roofing	2013	2043
320	Rhoads Hall	12,416	30 yr Modified (30 yr. warranty)	Garland	2018	2048
555	Root Hall	36,000	Standing Seam Metal (5 yr. warranty workmanship) (10 yr. Finish warranty)	Hartmann	1989 new Repairs: 1998, 1999,2000,2001,2002, 2003, 2004	2017

**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
ROOF MAINTENANCE**

INDIANA STATE UNIVERSITY

UPDATED: August 30, 2018

BLDG. NO.	BUILDING NAME	ROOF AREA (SF)	ROOF TYPE	WARRANTY HOLDERS/CONT.	DATE OF LATEST REPAIR/REP'L	REPLACE DATE (EST. ONLY)
450	Sandison Hall	10,800	Modified and Standing Seam Metal	ARP 30 year Garland 40 year	2008 2008	2038 2038
624	Satellite Chilled Water Plant	7,200	Secured Modified EPDM (Carlisle)	Richmond Guttering 20 year	2011	2032
362	Science Building					
	North half	36,800	Mod BUR w gravel	B&L Firestone	1989/2015 partial replace	2045
	South half	21,900	Mod BUR w gravel (30 yr. full warranty)	B&L Firestone Hartmann	1989/2015 partial replace	2045
	North Addition	7,290	Carlisle EPDM W/Ballast	Carlisle	1987	2015
284	Stalker Hall	11,000	EPDM with ballast (awaiting warranty info)	Laughrey Brothers	2005	2025
564	Sycamore Wellness & Applied M (Former Student Services Bldg.)	15,470	(All Sections) EPDM w/Ballast (20 yr. full warranty)	Industrial Contractors Firestone	1998	2019
	West Section	1,500				
	East Section	1,750				
	3rd Floor Section	11,800				
601	Student Recreation Center	83,518	Fully adhered EPDM	Carlisle Horning Roofing, Indy	2009	2029
126	Technology (Old)	25,000	EPDM (15 yr. warranty)	Genflex/ Blanton	1998	2019
536	T.H. Medical Education					
	Animal Facilities	4,000	4 Ply B.U.R. w/Ballast	ARP	1995	2018
	West Addition	300	4 Ply B.U.R. w/Ballast	Tremco	1995	2018
	South Addition	375	Mod. Bit. (20 yr. warranty)		1995	2018
542	Theater Bldg. (New)					
	Front Ent. & Apron	1,200	EPDM (10 yr. warranty)	Carlisle ARP	1997	2019
	flat section	2,800	EPDM (10 yr. warranty)	Complete Recover	1997	2019
	Barrel Section (Main Roof Area)	10,600	EPDM		1997	2019
194	Tilson Hall	30,000	SBS modified (20 yr. warranty)	Laughrey Bros.	2004	2024
192	Tirey Hall					
	Sloped Area	16,300	Slate	ARP	2014	2064
	Flat Area	3,500	Garland Modified	ARP	2014	2044

5. Maintenance and Utility Cost

**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
MAINTENANCE & UTILITY COST - FACIL**

INDIANA STATE UNIVERSITY

BLDG NO	BUILDING	LABOR	MATERIALS	GAS CON		ELECTRIC CON		TOTAL COSTS
				100+CF	COST	KW / HRS	COST	
520	AFRICAN AMERICAN CULTURAL CENTER	\$2,381.25	\$463.18	3,169	\$2,348.00	114,720	\$11,472.96	
	8,200	0.290	0.056		0.286		1.40	\$16,665.39
536	ANIMAL FAC BLDG	\$1,143.75	\$317.17	2,962	\$2,263.48	83,500	\$6,094.67	
	4,500	0.254	0.070		0.503		1.35	\$9,819.07
380	ARENA/HHS	\$26,856.25	\$32,047.23	1,772	\$1,705.07	3,256,985	237,727.34	
	293,846	0.091	0.109		0.006		0.81	\$298,335.89
570	ART ANNEX WEST	\$2,087.50	\$145.43	8,326	\$5,533.37	86,650	\$6,324.58	
	13,800	0.151	0.011		0.401		0.46	\$14,090.88
288	CAREER CENTER	\$2,256.25	\$476.41	53	\$244.83	582,690	\$42,530.54	
	12,930	0.174	0.037		0.02		3.29	\$45,508.03
278	CENTER FOR PERFORMING AND FINE ARTS (LANDINI CENTER)	\$6,868.75	\$7,231.69	47	\$593.51	740,325	\$54,036.32	
	41,604	0.165	0.174		0.01		1.30	\$68,730.27
165	CENTRAL CHILLED WATER PLT	\$9,103.13	\$87,195.48	2,240	\$1,913.41	7,558,168	\$604,624.97	
	11,634	0.782	7.495		0.16		51.97	\$702,836.99
534	CENTRAL HEATING PLANT *	\$7,871.88	\$25,486.68					
	44,603	0.176	0.571		0.00		0.00	\$33,358.56
122	CONDIT HOUSE	\$2,625.00	\$5,183.98			282,400	\$20,612.38	
	12,082	0.217	0.429		0.00		1.71	\$28,421.36
202	DREISER HALL	\$6,843.75	\$11,300.20			801,963	\$58,535.28	
	51,809	0.132	0.218		0.00		1.13	\$76,679.23
400	FACILITIES MANAGEMENT CENTRAL STORES & PURCHASING	\$9,101.25	\$20,246.85	13,507	\$10,642.81	633,200	\$60,041.77	
	58,726	0.155	0.345		0.18		12.11	\$100,032.68
402	FACILITIES MANAGEMENT ANNEX			1,380	\$1,160.77			\$1,160.77
	4,960	0.000	0.000		0.23		0.00	
404	FACILITIES MANAGEMENT ANNEX II (RECYCLE/CUST. CENTER)	\$3,456.25	\$2,934.89	2,693	\$2,185.10	85,600	\$9,006.06	
	5,483	0.630	0.535		0.40		1.64	\$17,582.30
196	FAIRBANKS HALL	\$4,418.75	\$3,382.15			400,687	\$29,246.14	
	17,760	0.249	0.190		0.00		1.65	\$37,047.04
276	FINE ARTS BLDG.	\$5,037.50	\$5,443.44	0	\$204.60	789,500	\$57,625.61	
	63,379	0.079	0.086		0.00		0.91	\$68,311.15
200	GILLUM HALL	\$13,303.13	\$13,933.41	40	\$587.15	268,585	\$19,604.02	
	48,830	0.272	0.285		0.01		0.40	\$47,427.71
515	GROUNDS MAINTENANCE BLDG.	\$10,484.38	\$12,721.00	25,033	\$15,920.82	164,200	\$15,532.02	
	38,440	0.273	0.331		0.41		0.40	\$54,658.22
360	HOLMSTEDT HALL	\$7,625.00	\$6,596.87			1,522,960	\$111,160.85	
	99,324	0.077	0.066		0.00		1.12	\$125,382.72
160	PUBLIC SAFETY (UNIVERSITY POLICE)	0.000	0.000		0.00		0.00	\$0.00
	5,784							
922	KIEWEG RESIDENCE	\$300.00	\$1,414.75			15,789	1,780.25	
	3,338	0.090	0.424		0.00		0.53	\$3,495.00
922	LANDSBAUM CENTER	\$6,606.25	\$3,157.46	26,775	\$18,475.58	326,665	\$37,734.86	
	34,170	0.193	0.092		0.54		1.10	\$65,974.15
550	LIBRARY, CUNNINGHAM MEMORIAL	\$8,012.50	\$23,852.74	196	\$723.87	7,236,500	\$528,192.14	
	172,356	0.046	0.138		0.01		3.06	\$560,781.25
128	JOHN T. MYERS TECH CENTER	\$15,438.75	\$11,285.58	3,217	\$3,750.99	2,001,350	\$146,078.54	
	110,000	0.140	0.103		0.03		1.33	\$176,553.86
290	JOHN W. MOORE WELCOME CNTR (FAMILY CONSUMER SCIENCES)	\$3,550.00	\$5,929.75	18	\$567.80	162,595	\$11,867.81	
	22,847	0.155	0.260		0.02		0.52	\$21,915.36

**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
MAINTENANCE & UTILITY COST - FACIL**

INDIANA STATE UNIVERSITY

BLDG NO	BUILDING	LABOR	MATERIALS	GAS CON		ELECTRIC CON		TOTAL COSTS
				100+CF	COST	KW / HRS	COST	
442	MULTIMEDIA SERVICES	\$437.50	\$119.59			101,325	\$7,395.71	
	2,783	0.157	0.043		0.00		2.66	\$7,952.80
272	NORMAL HALL	\$4,462.50	\$3,198.60			795,025	\$58,028.87	
	65,393	0.068	0.049		0.00		0.89	\$65,689.97
260	NURSING, COLLEGE OF	\$5,306.25	\$3,226.12	33	\$580.24	501,265	\$36,587.33	
	40,083	0.132	0.080		0.01		0.91	\$45,699.94
188	PARSONS HALL	\$9,493.75	\$47,935.54	62	\$599.83	750,269	\$54,762.13	
	45,115	0.210	1.063		0.01		1.21	\$112,791.25
190	RANKIN HALL	\$4,875.01	\$1,579.87			1,999,500	\$145,943.51	
	37,337	0.131	0.042		0.00		3.91	\$152,398.39
555	ROOT HALL	\$16,009.38	\$19,320.51	12	\$214.46	951,265	\$69,432.83	
	94,620	0.169	0.204		0.00		0.73	\$104,977.18
362	SCIENCE/SCIENCE NORTH	\$19,076.25	\$34,384.72	3,924	\$3,559.46	6,954,300	\$507,594.36	
	266,727	0.072	0.129		0.01		1.90	\$564,614.79
904	STADIUM	\$8,203.89	\$24,933.48	16,747	\$11,570.98	397,920	\$39,102.30	
	15,885	0.516	1.570		0.73		2.46	\$83,810.65
284	STALKER HALL	\$7,406.25	\$6,899.81	1,001	\$1,789.85	1,001,650	\$73,110.43	
	46,972	0.000	0.147		0.04		1.56	\$89,206.34
410	(BAYH) COLLEGE OF EDUCATION	\$11,755.00	\$12,036.95	263	\$1,342.07	4,001,963	\$292,103.28	
	157,119	0.075	0.077		0.01		1.86	\$317,237.30
410	SCOTT COLLEGE OF BUSINESS							
	FEDERAL HALL	\$8,621.89	\$5,722.63			1,052,874	\$81,982.09	
	90,000	0.096	0.064		0.00		0.91	\$96,326.61
900	SYCAMORE OUTDOOR CENTER	\$125.00	\$97.69			19,120	\$2,628.23	
	2,910	0.043	0.034		0.00		0.90	\$2,850.92
564	SYCAMORE CENTER FOR	\$9,437.50	\$8,153.09	2,246	\$2,955.12	1,265,987	\$92,404.39	
	54,476	0.173	0.150		0.05		1.70	\$112,950.10
126	TECHNOLOGY	\$8,762.50	\$11,202.94	40	\$239.37	1,260,320	\$91,990.76	
	51,962	0.169	0.216		0.00		1.77	\$112,195.57
542	NEW THEATER BLDG	\$3,737.50	\$16,466.96	7405	\$5,809.50	489,500	\$35,728.61	
	12,971	0.288	1.270		0.45		2.75	\$61,742.57
192	TIREY HALL (ELEC. METER w/RANKIN)	\$6,906.25	\$1,852.00	1,939	\$1,521.57			
	95,257	0.073	0.019		0.02		0.00	\$10,279.82
	TOTAL	\$273,118.94	\$470,645.15	125,053	\$98,410.10	47,916,990	\$3,604,587.62	\$4,515,492.08
	2,260,015	0.121	0.208		0.055		1.595	1.998

* See Central Heating Plant Reports for data.

* For Water & Sewage info please see separate report.

AUXILIARY BUIDLINGS

BLDG NO	BUILDING	LABOR	MATERIALS	GAS CON		ELECTRIC CON		TOTAL COSTS
				100+CF	COST	KW / HRS	COST	
055	ATHLETIC ANNEX WEST	\$850.00	\$2,096.64	13,067	\$8,880.23	244,400	\$23,578.21	\$35,405.08
	53,000	0.016	0.040		0.168		0.445	0.668
721	CAMPUS CHEMICALS WHSE (MORGE BLDG)	\$150.00	\$50.00	4,084	\$1,414.39			\$1,614.39
	8,966	0.017	0.006		0.158		0.000	0.180
N/A	CHERRY STREET PARKING FACILITY	\$200.00				609,600	\$49,085.06	\$49,285.06
	310,086	0.001	0.000		0.000		0.158	0.159
500	COMMONS (FOOD COURT)			22,202	\$15,307.45	201,360	\$20,079.17	\$35,386.62
	51,428	0.000	0.000		0.298		0.390	0.688
N/A	COMMUNITY GARDEN HOUSE	\$906.25	\$833.87	388	\$473.67	6,573	\$904.33	\$3,118.12
	1,200	0.755	0.695		0.395		0.754	2.598
300	FACILITIES WEST	\$8,356.25	\$17,261.38			1,934	\$343.44	\$25,961.07
	45,660	0.183	0.378		0.000		0.008	0.569
N/A	FLIGHT ACADEMY	\$37.50	101.000	13,067	\$8,880.23	66,027	\$6,788.22	\$15,806.95
	22,152	0.002	0.005		0.401		0.306	\$0.71
170	HULMAN CENTER	\$5,281.25	\$11,961.96	77	\$1,177.69	2,385,852	\$174,143.34	\$192,564.24
	174,011	0.030	0.069		0.007		1.001	1.107
558	HULMAN MEM STU UNION	\$6,043.75	\$6,509.71	3	\$206.26	2,365,920	\$172,688.50	\$185,448.22
	98,303	0.061	0.066		0.002		1.757	1.886
525	MICHAEL SIMMONS STUDENT ACTIVITY CENTER	\$725.00	\$138.46	1,282	\$1,092.41			\$1,955.87
	3,000	0.000	0.000	0	0.364			0.652
N/A	PUBLIC SAFETY STORAGE			1,818	\$1,473.92	2,171	\$392.59	\$1,866.51
	3,200	0.000	0.000		0.461		0.123	0.583
N/A	HOSPITALITY HOUSE(Mullens)	\$425.00	\$17.20	2,099	\$1,601.75	30,786	\$3,118.83	\$5,162.78
	2,680	0.159	0.006		0.598		1.164	1.926
624	SATELLITE CHILLED WATER PLANT	\$3,368.75	\$95,015.63	9,728	\$7,222.51	6,995,895	\$510,630.38	\$616,237.27
	7,220	0.467	13.160		1.000		70.724	85.351
601	STUDENT REC CENTER	\$26,132.50	\$25,615.31	55	\$599.72	1,852,300	\$135,199.38	\$187,546.91
	190,450	0.137	0.134		0.003		0.710	0.985
	TOTALS	\$51,751.25	\$159,462.70	\$66,588.00	\$47,237.82	\$14,760,647.00	\$1,096,951.45	\$1,355,403.22
	536,058	0.097	0.297		0.088		2.046	2.528

RESIDENTIAL LIFE

BLDG NO	BUILDING	LABOR	MATERIALS	GAS CON		ELECTRIC CON		TOTAL COSTS
				100 + CF	COST	KW / HRS	COST	
212	ERICKSON HALL	\$1,006.25	\$905.71	48	\$394.10	902,596	\$65,880.48	\$68,186.54
	78,690	0.013	0.012		0.005		0.84	0.87
N/A	500 WABASH					842,131	\$109,499.94	\$109,499.94
	SANDISON COMPLEX	\$1,762.50	\$81.00	685	\$1,742.90	1,862,500	\$135,943.88	\$139,530.28
450	SANDISON/JONES/HINES HALL	0.009	0.000		0.008		0.66	0.68
	64,707							
454	HINES HALL							
	70,431							
456	JONES HALL							
	70,431							
	205,569							
456	BURFORD HALL (PUBLIC SAFETY)	\$2,275.00	\$1,405.41	48	\$394.02	900,560	\$65,731.87	\$69,806.30
	59,912	0.038	0.023		0.007		1.097	1.17
292	PICKERL HALL	\$975.00		48	\$394.10	928,695	\$67,785.45	\$69,154.55
	59,823	0.016	0.000		0.007		1.133	1.156
770	LINCOLN QUAD N							
640	LINCOLN QUAD S	\$1,600.00	\$12,248.30	2,670	\$1,749.20	2,096,250	\$153,055.29	\$168,652.79
	160,444	0.010	0.076		0.011		0.954	1.05
565	REEVE HALL E							
560	REEVE HALL W							
	128,000	\$1,068.75	\$589.73			1,859,200	\$135,703.01	\$137,361.49
		0.008					1.060	

**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
MAINTENANCE & UTILITY COST - FACIL**

INDIANA STATE UNIVERSITY

BLDG NO	BUILDING	LABOR	MATERIALS	GAS CON		ELECTRIC CON		TOTAL COSTS
				100 + CF	COST	KW / HRS	COST	
	SYCAMORE TOWERS			1,484	\$2,423.87	4,205,985	\$306,994.85	\$309,418.72
		0.000	0.000		0.007		0.878	0.89
220	BLUMBERG HALL							
		87,732						
222	CROMWELL HALL							
		87,378						
300	MILLS HALL							
		87,610						
320	RHOADS HALL							
		86,760						
		349,480						
		\$1,775.00	\$0.00					
		0.005	0.000		0.000			
914	M.S.H. #1	\$6,812.50	\$4,011.40	96,556	\$84,203.51	4,685,801	\$378,122.06	\$473,149.47
		59,464	0.0118		0.248		1.112	1.392
920	M.S.H. #4							
		107,612						
		339,959						
	TOTALS	\$17,275.00	\$19,241.55	101,539	\$91,301.70	18,283,718	\$1,418,716.83	\$1,544,760.08
		1,055,452	0.016	0.018	0.096	0.087	17.323	1.344

OTHER MAINTENANCE AREAS

AREA	LABOR	MATERIALS	ELECTRIC CON		TOTAL COSTS
			KW / HRS	COST	
BASEBALL FIELD(SYCAMORE)			254,323	\$25,306.02	\$25,306.02
DEDE PLAZA	\$3,050.00	\$222.30			\$3,272.30
OUTDOOR LIGHTING					\$0.00
*PARKING LOTS			398,157	\$39,301.07	\$39,301.07
STADIUM MARQUEE			20,403	\$2,370.48	\$2,370.48
ATHLETIC FIELDS	\$2,693.75	\$854.45	41,230	\$3,607.87	\$7,156.07
(SOFTBALL & SOCCER FIELD)					\$0.00
GIBSON TRACK & FIELD			57,160	\$6,328.46	
WISU (RADIO STATION)	\$312.50	\$31.36	109,890	\$10,667.71	\$11,011.57
** CAMPUS MISCELLANEOUS	\$19,856.25	\$3,550.61			\$23,406.86
TOTALS	\$25,912.50	\$4,658.72	881,163	\$87,581.61	\$111,824.37

* Parking Lot Lighting Costs include electrical costs for the operation of Oakley Place.

** Campus Miscellaneous includes Labor & Material charges for work done by Facilities Management personnel for different areas on Campus.

WATER

	CONSUMPTION / 100 CF	UNIT COST	COST
JULY	25,231	\$ 1.514	\$ 38,210.63
AUGUST	47,539	\$ 1.241	\$ 59,014.93
SEPTEMBER	31,851	\$ 1.220	\$ 38,864.13
OCTOBER	39,256	\$ 1.171	\$ 45,959.62
NOVEMBER	23,323	\$ 1.347	\$ 31,412.54
DECEMBER	31,851	\$ 1.220	\$ 38,864.16
JANUARY	16,914	\$ 1.430	\$ 24,187.74
FEBRUARY	32,327	\$ 0.901	\$ 29,126.62
MARCH	28,622	\$ 1.227	\$ 35,129.60
APRIL	38,091	\$ 1.086	\$ 41,385.49
MAY	35,403	\$ 0.971	\$ 34,382.99
JUNE	24,656	\$ 1.448	\$ 35,693.71
2017 - 2018 TOTAL	375,064	\$ 1.206	\$ 452,232.16
Cost for Fiscal Year 2016 - 2017	127,784	\$ 3.63	\$ 464,399.51
Cost for Fiscal Year 2015 - 2016	113,543	\$ 4.18	\$ 474,426.63
COST FOR WATER 10 YEARS AGO, 2007 - 2008 (UNINFLATED \$\$)			\$ 495,752.30

SEWER

	CONSUMPTION	UNIT COST	COST
JULY	10,733	\$ 8.606	\$ 92,370.09
AUGUST	7,409	\$ 8.613	\$ 63,812.80
SEPTEMBER	9,928	\$ 7.212	\$ 71,595.99
OCTOBER	14,426	\$ 8.596	\$ 124,010.08
NOVEMBER	13,123	\$ 8.597	\$ 112,813.18
DECEMBER	13,948	\$ 8.619	\$ 120,217.72
JANUARY	9,782	\$ 8.611	\$ 84,233.20
FEBRUARY	5,677	\$ 9.072	\$ 51,503.73
MARCH	10,224	\$ 9.316	\$ 95,244.80
APRIL	13,763	\$ 8.898	\$ 122,460.59
MAY	10,349	\$ 9.287	\$ 96,108.53
JUNE	8,978	\$ 9.109	\$ 81,780.69
2017 - 2018 TOTAL	128,340	\$ 8.697	\$ 1,116,151.40
Cost for Fiscal Year 2016 - 2017	153,726	\$ 8.042	\$ 1,236,311.33
Cost for Fiscal Year 2015 - 2016	121,096	\$ 7.489	\$ 906,503.70
COST FOR SEWAGE 10 YEARS AGO, 2007 - 2008 (UNINFLATED \$\$)			\$ 455,008.26

**BRAZIL FIELD CAMPUS
 WATER & SEWAGE**

MONTH	BRAZIL CITY WATER WORKS & SEWAGE	
	USAGE / 100 GAL	COST
JULY	600	\$ 98.02
AUGUST	800	\$ 98.68
SEPTEMBER	417	\$ 98.02
OCTOBER	372	\$ 98.02
NOVEMBER	383	\$ 98.02
DECEMBER	371	\$ 98.02
JANUARY	269	\$ 98.02
FEBRUARY	466	\$ 98.02
MARCH	887	\$ 98.02
APRIL	827	\$ 98.02
MAY	887	\$ 98.02
JUNE	1,094	\$ 98.02
2017 - 2018 TOTAL	7,373	\$ 1,176.90
USAGE / COST FOR FISCAL YEAR 2016 - 2017	4,576	\$ 1,176.90
COST 10 YEARS AGO, FY 2007 - 2008, UNINFLATED	18,900	\$ 580.11

(Note: This account is payment to the Brazil City Water Works and Sewage Co. for service at the Brazil Field Campus.)

**LANDSBAUM PROPERTY
 FIRE HYDRANT RENTAL**

MONTH	FAYETTE TOWNSHIP WATER ASSOC. INC.	
	USAGE/100GAL	COST
JULY	2,500	\$ 21.63
AUGUST	2,500	\$ 21.63
SEPTEMBER	2,500	\$ 21.63
OCTOBER	2,500	\$ 21.63
NOVEMBER	2,500	\$ 21.63
DECEMBER	2,500	\$ 21.63
JANUARY	2,500	\$ 21.63
FEBRUARY	2,500	\$ 21.63
MARCH	2,500	\$ 21.63
APRIL	2,500	\$ 21.63
MAY	2,500	\$ 21.63
JUNE	2,500	\$ 21.63
2017 - 2018 TOTAL	30,000	\$ 259.56
COST FOR FISCAL YEAR 2016 - 2017	30,000	\$ 259.56
COST 10 YEARS AGO, FY 2007 - 2008, UNINFLATED	34,400	\$ 195.72

(Note: This account is minimum monthly payment to the Fayette Twp. Water Assoc., Inc. for fire hydrant rental at the Landsbaum Property.)

**SYCAMORE OUTDOOR CENTER CLUB HOUSE
 PROPANE GAS**

FISCAL YEAR	FERRELL GAS	
	USAGE	COST
2017 - 2018 TOTAL	1,488	\$ 2,588.40
COST FOR FISCAL YEAR 2016 - 2017	1,475	\$ 2,560.33
COST 10 YEARS AGO, FY 2017 - 2008, UNINFLATED	3,400	\$ 5,610.00

**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
NATURAL & PROPANE GAS CONSUMPTION & COST**

INDIANA STATE UNIVERSITY

MONTH	NATURAL GAS CONSUMPTION (100 CF)	NATURAL GAS COST AND UNIT COST	PROPANE * CONSUMPTION (GALLONS)	PROPANE * COST AND UNIT COST	TOTAL COST
JULY	7,176	\$6,134.95			\$6,134.95
					\$0.00
AUGUST	7,917	\$6,135.79	350	\$396.07	\$6,531.86
					\$0.00
SEPTEMBER	8,387	\$6,309.75			\$6,309.75
					\$0.00
OCTOBER	13,880	\$8,830.27			\$8,830.27
					\$0.00
NOVEMBER	30,489	\$14,201.56	271	\$438.37	\$14,639.93
					\$0.00
DECEMBER	46,948	\$20,004.69	230	\$343.30	\$20,347.99
					\$0.00
JANUARY	45,948	\$22,086.99	320	\$393.97	\$22,480.96
					\$0.00
FEBRUARY	36,745	\$19,034.04	220	\$284.19	\$19,318.23
					\$0.00
MARCH	25,473	\$20,088.77	180	\$248.87	\$20,337.64
					\$0.00
APRIL	21,672	\$17,036.54			\$17,036.54
					\$0.00
MAY	8,170	\$12,732.55			\$12,732.55
					\$0.00
JUNE	5,470	\$6,826.09			\$6,826.09
					\$0.00
2017 - 2018 TOTALS	258,275	\$159,421.99	1,571.00	\$2,104.77	\$161,526.76
		0.617		1.340	
TOTALS FOR PREVIOUS YEARS:					
2016 - 2017	290,042	\$238,233.22	1,760	\$2,052.02	\$240,285.24
2015 - 2016	141,976	\$145,261.66	1,613	\$1,591.37	\$139,362.32
COST FOR MISC. UTILITY CONSUMPTION 10 YRS. AGO, 2007 - 2008 (UNINFLATED \$\$)	373,233	\$433,286.48	1,550	\$4,651.94	\$437,938.42

*KIEWIG ONLY

Duke Energy Totals	Totals For 2016-2017			Totals For 2017-2018		
<i>Major Accounts</i>	Cost/kWH	KWH	2016-17 Costs	Cost/kWH	KWH	2017-18 Costs
Main Campus	\$ 0.07393	66,653,567	\$ 4,927,809.08	\$ 0.07299	66,144,372	\$ 4,828,078.63
University Apartments	\$ 0.08011	4,464,232	\$ 357,611.84	\$ 0.08070	4,685,801	\$ 378,122.06
Central Chilled Water Plant	\$ 0.07212	4,949,234	\$ 356,937.27	\$ 0.08000	7,558,168	\$ 604,624.97
Major Account Totals	\$ 0.07418	76,067,033	\$ 5,642,358.19	\$ 0.07413	78,388,341	\$ 5,810,825.66
<i>Misc. Building Accounts</i>	Cost/kWH	KWH	2016-17 Costs	Cost/kWH	KWH	2017-18 Costs
Landsbaum Medical Center (ISU 1/3)	\$ 0.08564	326,828	\$ 27,990.91	\$ 0.11552	326,665	\$ 37,734.86
500 Wabash Apartments (Leased)				\$ 0.13003	842,131	\$ 109,499.94
Cherry Street Parking Garage				\$ 0.08052	609,600	\$ 49,085.06
Federal Building	\$ 0.07615	1,098,207	\$ 83,626.62	\$ 0.07787	1,052,874	\$ 81,982.09
WISU Transmitter	\$ 0.09307	121,509	\$ 11,309.41	\$ 0.09708	109,890	\$ 10,667.71
Grounds Maintenance	\$ 0.16923	181,720	\$ 30,753.36	\$ 0.09459	164,200	\$ 15,532.02
AACC	\$ 0.09794	120,840	\$ 11,834.99	\$ 0.10001	114,720	\$ 11,472.96
Recycle Center	\$ 0.10227	88,640	\$ 9,065.30	\$ 0.10521	85,600	\$ 9,006.06
Facilities Management Office	\$ 0.09058	627,360	\$ 56,827.81	\$ 0.09482	633,200	\$ 60,041.77
Kiewit	\$ 0.11670	11,538	\$ 1,346.47	\$ 0.11275	15,789	\$ 1,780.25
936 N 7th Street (Mullen's House)	\$ 0.09749	27,649	\$ 2,695.41	\$ 0.10131	30,786	\$ 3,118.83
219 N 11th Street (Garden House)	\$ 0.13832	5,974	\$ 826.31	\$ 0.13758	6,573	\$ 904.33
Facilities West Storage (New 2017-18)				\$ 0.17758	1,934	\$ 343.44
HMSU Commons (Common Areas)				\$ 0.09357	604,320	\$ 56,547.54
Banquet Center (HMSU Commons)	\$ 0.09638	229,040	\$ 22,075.77	\$ 0.09972	201,360	\$ 20,079.17
720 Elm Street (Demolished 8/2017)	\$ 0.18026	2,532	\$ 456.41	\$ 0.19183	180	\$ 34.53
Theatre Storage	\$ 0.14621	4,822	\$ 705.03	\$ 0.16303	3,318	\$ 540.94
HMSU Commons Kiosk	\$ 0.16207	6,344	\$ 1,028.17	\$ 0.19390	2,968	\$ 575.50
Misc Building Totals	\$ 0.09132	2,853,003	\$ 260,541.97	\$ 0.09757	4,806,108	\$ 468,947.00
<i>Sports Complex Accounts</i>	Cost/kWH	KWH	2016-17 Costs	Cost/kWH	KWH	2017-18 Costs
Main Stadium	\$ 0.09640	431,040	\$ 41,552.53	\$ 0.09827	397,920	\$ 39,102.30
Stadium Marquee	\$ 0.11381	21,948	\$ 2,497.82	\$ 0.11618	20,403	\$ 2,370.48
Softball Field	\$ 0.11648	24,240	\$ 2,823.51	\$ 0.07854	36,190	\$ 2,842.39
Baseball Field	\$ 0.09815	266,349	\$ 26,141.20	\$ 0.09950	254,323	\$ 25,306.02
Soccer Field	\$ 0.16182	4,720	\$ 763.78	\$ 0.15188	5,040	\$ 765.48
Athletic Annex West 55 Eagle Street	\$ 0.09458	249,200	\$ 23,570.36	\$ 0.09647	244,400	\$ 23,578.21
Basball Shelter		-	\$ 112.80		-	\$ 112.80
Gibson Track	\$ 0.11156	45,480	\$ 5,073.63	\$ 0.11146	54,920	\$ 6,121.11
Sports Complex Totals	\$ 0.09831	1,042,977	\$ 102,535.63	\$ 0.09889	1,013,196	\$ 100,198.79
<i>Brazil Field Campus Accounts</i>	Cost/kWH	KWH	2016-17 Costs	Cost/kWH	KWH	2017-18 Costs
Brazil Field Campus	\$ 0.12691	21,631	\$ 2,745.22	\$ 0.13746	19,120	\$ 2,628.23
Brazil Field Campus Totals	\$ 0.12691	21,631	\$ 2,745.22	\$ 0.13746	19,120	\$ 2,628.23
<i>Parking Lot Accounts</i>	Cost/kWH	KWH	2016-17 Costs	Cost/kWH	KWH	2017-18 Costs
Oakley Place	\$ 0.10642	43,745	\$ 4,655.30	\$ 0.11240	37,594	\$ 4,225.57
Parking Lot A	\$ 0.09857	70,839	\$ 6,982.93	\$ 0.10028	77,504	\$ 7,772.31
Parking Lot 14	\$ 0.09752	83,432	\$ 8,136.23	\$ 0.10235	65,548	\$ 6,708.63
Parking Lot 21	\$ 0.09855	73,491	\$ 7,242.64	\$ 0.08040	101,797	\$ 8,184.03
Visitors Pay Lot	\$ 0.12001	20,835	\$ 2,500.32	\$ 0.12096	23,510	\$ 2,843.70
Parking Lot 15	\$ 0.09992	64,017	\$ 6,396.34	\$ 0.09855	82,046	\$ 8,085.76
Parking Lot K	\$ 0.13096	10,495	\$ 1,374.43	\$ 0.13470	10,158	\$ 1,368.27
Parking Lot N (1090 Chestnut St)		-	\$ 112.80		-	\$ 112.80
Parking Lot Totals	\$ 0.10195	366,854	\$ 37,400.99	\$ 0.09871	398,157	\$ 39,301.07
<i>Outside Lighting Accounts</i>	Cost/kWH	KWH	2016-17 Costs	Cost/kWH	KWH	2017-18 Costs
Campus DD Lights (31)	\$ 0.10122	45,075	\$ 4,562.69	\$ 0.10351	45,072	\$ 4,665.19
Street Lighting - ICON PL Lighting	\$ 0.08011	66,096	\$ 5,295.27	\$ 0.08251	67,186	\$ 5,543.62
Stadium DD Lights (3)	\$ 0.10810	3,672	\$ 396.96	\$ 0.11077	3,672	\$ 406.74
Baseball Field (4)	\$ 0.10810	4,896	\$ 529.28	\$ 0.07064	9,707	\$ 685.69
Brazil Field Campus DD Light (8)	\$ 0.10358	12,062	\$ 1,249.36	\$ 0.10798	12,060	\$ 1,302.20
Gibson Track Security Lighting	\$ 0.09107	32,748	\$ 2,982.24	\$ 0.09375	32,748	\$ 3,070.19
Landsbaum Parking Lot (4) (ISU 1/3)	\$ 0.07425	7,084	\$ 525.99	\$ 0.07697	7,080	\$ 544.96
Duke Energy Outside Lighting	\$ 0.09055	171,633	\$ 15,541.79	\$ 0.09136	177,525	\$ 16,218.59
Duke Energy Electrical Totals	\$ 0.07527	80,523,131	\$ 6,061,123.79	\$ 0.07592	84,802,447	\$ 6,438,119.34

10 Year Consumption / Cost History					
Fiscal Years	Cost Per KWH	KWH	% Change	Cost	% Change
2008-09	\$ 0.06037	70,487,262		\$ 4,255,322.44	
2009-10	\$ 0.06059	76,138,624	8.0176%	\$ 4,613,399.99	8.4148%
2010-11	\$ 0.06157	84,283,964	10.6980%	\$ 5,189,404.62	12.4855%
2011-12	\$ 0.06870	79,919,053	-5.1788%	\$ 5,490,131.76	5.7950%
2012-13	\$ 0.07183	82,004,666	2.6097%	\$ 5,890,115.85	7.2855%
2013-14	\$ 0.07895	79,884,326	-2.5856%	\$ 6,307,097.38	7.0793%
2014-15	\$ 0.08200	74,872,348	-6.2740%	\$ 6,139,494.78	-2.6574%
2015-16	\$ 0.07132	76,328,046	1.9442%	\$ 5,444,052.43	-11.3274%
2016-17	\$ 0.07528	80,526,830	5.5010%	\$ 6,061,686.75	11.3451%
2017-18	\$ 0.07592	84,802,447	5.3096%	\$ 6,438,119.34	6.2100%

10 Year Difference					
Fiscal Years	Cost Per KWH	KWH	% Change	Cost	% Change
2008-09	0.06037	70,487,262		\$ 4,255,322.44	
2017-18	0.07592	84,802,447	20.3089%	\$ 6,438,119.34	<u>51.2957%</u>

As illustrated in these tables in the past 10 years the Department of Facilities Management has worked diligently to maintain control of the electrical consumption (KWH's). The energy saving programs we have established have controlled the increase in usage to only a 20.3% 10 year increase despite the addition and renovation of several buildings on campus. **Note this years totals are slightly skewed as three previously unreported accounts have been added (500 Wabash Apartments, Cherry Street Parking Garage & HMSU Commons).**

It should be noted that several factors cause peaks and valleys in electrical consumption per year with weather being a key factor.

Thankfully we have been able control KWH usage since utility costs have increased during this 10 year period from 6 cents per KWH to now over 7.5 cents per KWH.

Be assured the Department of Facilities Management will continue to work to keep usage under control but we need the help of **everyone** on Campus to do their part to help control waste of electricity.

1. Turn off lights in classrooms, offices and dorm rooms when not in use
2. Make sure computers, copiers and printers are set for energy saving mode.
3. Turn off lights when you leave at night
4. Turn off all non-critical electronic equipment overnight

6. Service Contracts

Company	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018
Neopost (Addressing Machine, Bag Tagger)	\$ 8,080.10	\$ 18,021.36	\$ 8,350.38	\$ 14,489.12	\$ 18,135.26	\$ 7,233.61	\$ 11,529.25
Oracle Elevator Oracle Elevator (Not covered by Maintenance Contract)	\$ 82,929.60						
General Communications (Repairs to base station, radio & antenas)	\$ 12,974.30	\$ 14,170.80	\$ 14,170.80	\$ -	\$ -	\$ -	\$ -
Trierweiler Pest Control	\$ 3,481.52	\$ 3,543.21	\$ 3,836.26	\$ 1,106.52			
Ecology Pest Control (Day Care Center)				\$ 585.00	\$ 780.00	\$ 780.00	\$ 780.00
The Bugman Pest Control				\$ 5,555.00	\$ 7,650.00	\$ 11,783.00	\$ 5,765.00
TOTAL	\$ 117,375.97	\$ 35,735.37	\$ 26,357.44	\$ 21,735.64	\$ 26,565.26	\$ 19,796.61	\$ 18,074.25

COST FOR FISCAL YEAR 2017-2018	\$ 18,704.25
COST FOR FISCAL YEAR 2016-2017	\$ 19,796.61
COST FOR FISCAL YEAR 2015-2016	\$26,565.26
COST FOR FISCAL YEAR 2014-2015	\$21,735.64
COST FOR FISCAL YEAR 2013-2014	\$26,357.44
COST FOR FISCAL YEAR 2012-2013	\$35,735.37
COST FOR FISCAL YEAR 2011-2012	\$ 117,375.97
COST FOR FISCAL YEAR 2010-2011	\$ 112,092.69
COST FOR FISCAL YEAR 2009-2010	\$ 108,459.85
COST FOR FISCAL YEAR 2008-2009	\$ 98,985.94
COST FOR FISCAL YEAR 2007-2008	\$ 115,584.51
COST FOR FISCAL YEAR 2006-2007	\$ 113,158.00

7. Custodial Services / Waste Management

**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
CUSTODIAL COST SUMMARY**

INDIANA STATE UNIVERSITY

CUST. PER BLDG.	BUILDING	AREA SQ. FT.	LABOR COST	LABOR SQ. FT. COST	MATERIAL COST	MATL SQ. FT. COST	TOTAL COST	TOTAL SQ. FT. COST
0.53	Academic Enrichment Center	3,481	\$ 13,459.73	\$ 3.87	\$ 447.59	\$ 0.13	\$ 13,907.32	\$ 4.00
0.47	Animal Facilities Building (THMED)	4,500	\$ 11,935.99	\$ 2.65	\$ 392.95	\$ 0.09	\$ 12,328.94	\$ 2.74
0.53	Art Annex	13,800	\$ 13,459.73	\$ 0.98	\$ 546.56	\$ 0.04	\$ 14,006.29	\$ 1.01
0.75	Career Center	12,930	\$ 19,046.79	\$ 1.47	\$ 1,120.74	\$ 0.09	\$ 20,167.53	\$ 1.56
0.13	Center for Multimedia Design	1,783	\$ 3,301.44	\$ 1.85	\$ 43.02	\$ 0.02	\$ 3,344.46	\$ 1.88
0.47	Central Heating Plant (Power Plant)	27,000	\$ 11,935.99	\$ 0.44	\$ 830.47	\$ 0.03	\$ 12,766.46	\$ 0.47
0.05	Central Receiving	800	\$ 1,269.79	\$ 1.59	\$ -	\$ -	\$ 1,269.79	\$ 1.59
0.53	Charles E. Brown African American Cultural Center	8,200	\$ 13,459.73	\$ 1.64	\$ 525.85	\$ 0.06	\$ 13,985.58	\$ 1.71
4.00	³ College of Health & Human Services (Arena)	293,846	\$ 101,582.88	\$ 0.35	\$ 14,129.79	\$ 0.05	\$ 115,712.67	\$ 0.39
2.00	Dreiser Hall	51,809	\$ 50,791.44	\$ 0.98	\$ 3,603.08	\$ 0.07	\$ 54,394.52	\$ 1.05
0.53	Facilities Management & Purchasing	69,169	\$ 13,459.73	\$ 0.19	\$ 2,776.89	\$ 0.04	\$ 16,236.62	\$ 0.23
	¹ (Facilities Management Annex)	4,960	\$ -	\$ -	\$ 1,451.54	\$ 0.29	\$ 1,451.54	\$ 0.29
0.90	Fairbanks Hall	17,760	\$ 22,856.15	\$ 1.29	\$ 1,432.61	\$ 0.08	\$ 24,288.76	\$ 1.37
4.00	Federal Hall (Scott College of Business)	84,390	\$ 101,582.88	\$ 1.20	\$ 6,323.57	\$ 0.07	\$ 107,906.45	\$ 1.28
1.00	Fine Arts Building	63,379	\$ 25,395.72	\$ 0.40	\$ 1,730.88	\$ 0.03	\$ 27,126.60	\$ 0.43
0.05	Garden House/Institute for Community Sustainability	1,696	\$ 1,269.79	\$ 0.75	\$ 132.76	\$ 0.08	\$ 1,402.55	\$ 0.83
2.00	Gillum Hall	48,830	\$ 50,791.44	\$ 1.04	\$ 3,148.05	\$ 0.06	\$ 53,939.49	\$ 1.10
0.53	Grounds Maintenance	6,500	\$ 13,459.73	\$ 2.07	\$ 1,513.16	\$ 0.23	\$ 14,972.89	\$ 2.30
3.00	Holmstedt Hall**	99,324	\$ 76,187.16	\$ 0.77	\$ 5,350.10	\$ 0.05	\$ 81,537.26	\$ 0.82
1.00	John W. Moore Welcome Center	22,847	\$ 25,395.72	\$ 1.11	\$ 2,161.35	\$ 0.09	\$ 27,557.07	\$ 1.21
3.00	John T. Myers Technology Center	110,000	\$ 76,187.16	\$ 0.69	\$ 8,534.65	\$ 0.08	\$ 84,721.81	\$ 0.77
1.00	Landsbaum Center for Health Education	27,502	\$ 25,395.72	\$ 0.92	\$ 2,921.35	\$ 0.11	\$ 28,317.07	\$ 1.03
4.00	² Library, Cunningham Memorial**	172,356	\$ 101,582.88	\$ 0.59	\$ 11,532.26	\$ 0.07	\$ 113,115.14	\$ 0.66
0.70	Memorial Stadium	15,885	\$ 17,777.00	\$ 1.12	\$ 2,903.82	\$ 0.18	\$ 20,680.82	\$ 1.30
0.20	Michael Simmons Activity Center	2,050	\$ 5,079.14	\$ 2.48	\$ 317.99	\$ 0.16	\$ 5,397.13	\$ 2.63
0.47	New Theater	12,971	\$ 11,935.99	\$ 0.92	\$ 613.98	\$ 0.05	\$ 12,549.97	\$ 0.97
1.00	Normal Hall	33,125	\$ 25,395.72	\$ 0.77	\$ 2,977.84	\$ 0.09	\$ 28,373.56	\$ 0.86
1.00	Nursing Building**	40,083	\$ 25,395.72	\$ 0.63	\$ 2,401.60	\$ 0.06	\$ 27,797.32	\$ 0.69
0.10	Parking Garage (Stairwells & Elevators)	5,600	\$ 2,539.57	\$ 0.45	\$ 78.41	\$ 0.01	\$ 2,617.98	\$ 0.47
0.25	Public Safety	5,784	\$ 6,348.93	\$ 1.10	\$ 2,304.85	\$ 0.40	\$ 8,653.78	\$ 1.50
1.00	Richard G. Landini Center for Performing & Fine Arts	41,604	\$ 25,395.72	\$ 0.61	\$ 4,020.03	\$ 0.10	\$ 29,415.75	\$ 0.71
3.53	Root Hall	94,620	\$ 89,646.89	\$ 0.95	\$ 8,689.61	\$ 0.09	\$ 98,336.50	\$ 1.04
5.87	² Science Building**	260,192	\$ 149,072.88	\$ 0.57	\$ 12,202.76	\$ 0.05	\$ 161,275.64	\$ 0.62
0.47	Science North (Animal Lab)	6,535	\$ 11,935.99	\$ 1.83	\$ 248.22	\$ 0.04	\$ 12,184.21	\$ 1.86
2.00	Stalker Hall	46,972	\$ 50,791.44	\$ 1.08	\$ 5,399.31	\$ 0.11	\$ 56,190.75	\$ 1.20
2.00	Sycamore Wellness & Applied Medicine	54,476	\$ 50,791.44	\$ 0.93	\$ 5,689.01	\$ 0.10	\$ 56,480.45	\$ 1.04
1.00	Technology Building Annex**	51,962	\$ 25,395.72	\$ 0.49	\$ 4,721.35	\$ 0.09	\$ 30,117.07	\$ 0.58
3.00	University Hall (Bayh College of Education)**	157,119	\$ 76,187.16	\$ 0.48	\$ 9,236.41	\$ 0.06	\$ 85,423.57	\$ 0.54
4.00	University Pavilion: Parsons/Rankin/Tirey Halls	177,709	\$ 101,582.88	\$ 0.57	\$ 9,291.94	\$ 0.05	\$ 110,874.82	\$ 0.62
57.06	^{+ *} Full-Time Equivalent Positions	2,153,549	\$ 1,449,079.78	\$ 0.67	\$ 141,746.35	\$ 0.07	\$ 1,590,826.13	\$ 0.74
4.00	Supervisors - Custodial & Senior Custodial							
61.06	2017-2018 TOTALS	2,153,549	\$ 1,449,079.78	\$ 0.67	\$ 141,746.35	\$ 0.07	\$ 1,590,826.13	\$ 0.74

**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
CUSTODIAL COST SUMMARY**

INDIANA STATE UNIVERSITY

- + Employees cover an average of 37,742 square feet each daily, plus additional square feet created by employee absences.

Note: Supplies dispensed from custodial supply room that have not been included in any building square footage cost above.

Athletics Strength & Conditioning Training Facility	\$ 603.60	Recycle Center	\$ 7.89
Bob Warn Field/Sycamore Baseball Stadium	\$ 532.35	Eleanor St. John Softball Complex	\$ 217.43
Gibson Track & Field Complex	\$ 480.54	Satellite Chilled Water Plant	\$ 21.11
Early Childhood Education Center (Daycare)	\$ 4,219.79	Total Additional Supplies	\$ 6,082.71

*Two employees work the evening shift (4:00 p.m.-12:00 p.m.) and are assigned areas for a part of the shift daily covering room reservations, some carpet care, and after-hour custodial needs for Cunningham Memorial Library and other buildings. These employees also provide additional coverage for various intramural activities at Health and Human Services Building, Memorial Stadium, Sycamore Field, and Dede Plaza. They are responsible for building lockup, but that time has not been calculated in the custodial cost. (Daily time on lockup for each employee amounts to 3.5 hrs or .47 of 7.5 hrs.)

¹One Temporary employee daily for 2 hours or .27 of 7.5 hours.

²Three Temporary employees daily for 4 hours or .53 of 7.5 hours: 2 in Science and 1 in Library.

³During the season, one position cleans at Baseball and Softball an average of .25 of 7.5 hours.

**We employ up to ten part-time student custodians during the fall and spring semesters at 4.0 hours per day per each.

CUSTODIAL COST HISTORY

TOTAL #CUST.		FISCAL YEAR	AREA SQ. FT.	LABOR COST	LABOR SQ. FT. COST	MATERIAL COST	MATL. SQ. FT. COST	TOTAL COST	TOTAL SQ. FT. COST
57.06	▲	2017-2018	2,153,549	\$ 1,449,079.78	\$ 0.67	\$ 141,746.35	\$ 0.07	\$ 1,590,826.13	\$ 0.74
56.06	▲	2016-2017	2,153,549	\$ 1,434,220.54	\$ 0.67	\$ 142,150.70	\$ 0.07	\$ 1,576,371.24	\$ 0.73
57.06	▲	2015-2016	2,153,549	\$ 1,411,436.16	\$ 0.66	\$ 156,310.55	\$ 0.07	\$ 1,567,746.71	\$ 0.73
57.92	▲	2014-2015	2,117,064	\$ 1,357,164.16	\$ 0.64	\$ 153,907.99	\$ 0.07	\$ 1,511,072.15	\$ 0.71
60.47	▲	2013-2014	2,148,716	\$ 1,334,802.56	\$ 0.62	\$ 157,106.92	\$ 0.07	\$ 1,491,909.48	\$ 0.69
59.27	▲	2012-2013	2,139,496	\$ 1,282,544.36	\$ 0.59	\$ 149,590.63	\$ 0.07	\$ 1,432,134.99	\$ 0.67
62.61	▲	2011-2012	2,259,257	\$ 1,328,577.61	\$ 0.59	\$ 134,628.04	\$ 0.06	\$ 1,463,205.65	\$ 0.65
62.61	▲	2010-2011	2,259,257	\$ 1,295,467.89	\$ 0.57	\$ 113,783.35	\$ 0.05	\$ 1,409,251.24	\$ 0.62
77.00	▲	2009-2010	2,259,257	\$ 1,472,920.72	\$ 0.65	\$ 123,169.32	\$ 0.05	\$ 1,596,090.03	\$ 0.71
80.00	▲	2008-2009	2,273,574	\$ 1,538,257.33	\$ 0.68	\$ 135,672.71	\$ 0.06	\$ 1,673,930.03	\$ 0.74
81.00	▲	2007-2008	2,273,574	\$ 1,618,249.74	\$ 0.71	\$ 120,032.57	\$ 0.05	\$ 1,738,282.32	\$ 0.76
80.63	▲	2006-2007	2,273,574	\$ 1,571,499.03	\$ 0.69	\$ 123,399.66	\$ 0.05	\$ 1,694,898.69	\$ 0.75
76.00	▲	2005-2006	2,463,643	\$ 1,562,873.96	\$ 0.63	\$ 96,623.68	\$ 0.04	\$ 1,659,497.64	\$ 0.67

NOTE ▲ Labor charges were computed by using an averaged salary for employees on staff at end of fiscal year.

\$23,456.00 (AVERAGE SALARY 2014/2015)	FTE actual
\$24,736.00 (AVERAGE SALARY 2015/2016)	FTE actual
\$25,583.67 (AVERAGE SALARY 2016/2017)	FTE actual
\$25,395.72 (AVERAGE SALARY 2017/2018)	FTE actual

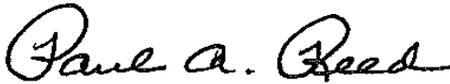
2017-18 Recycle Review

Overall, recycle collection decreased by 9% from the previous year with 1,794,430 pounds received from the ISU drive through facility and the ISU Campus combined. This is a decrease of 178,914 pounds of material. There was a 20% decrease in E-scrap and increases in cardboard, chipboard, colored/mixed paper, newsprint, plastic and scrap metal.

The ISU Campus was involved in the national RecycleMania 2018 competition, which was a ten-week period from January 21, 2018 through March 31, 2018. The total amount of recycle material collected during the period from campus was 60,761 pounds. This is a 46% decrease in materials collected compared to the previous year. The total waste for the period was 530,600 pounds. This is a 23% increase from the previous year. The ISU Recycle Center received an award at the Indiana Recycling Coalition Conference in June for collecting the most in the areas of paper, corrugated cardboard, bottles and cans during the RecycleMania competition in the State of Indiana. We have received awards seven years out of eight years for our competition in RecycleMania.

We continue reviewing additional items to collect from the waste stream and plan to increase overall totals.

Respectfully Submitted



Paul A. Reed
Manager, Recycling & Waste Management



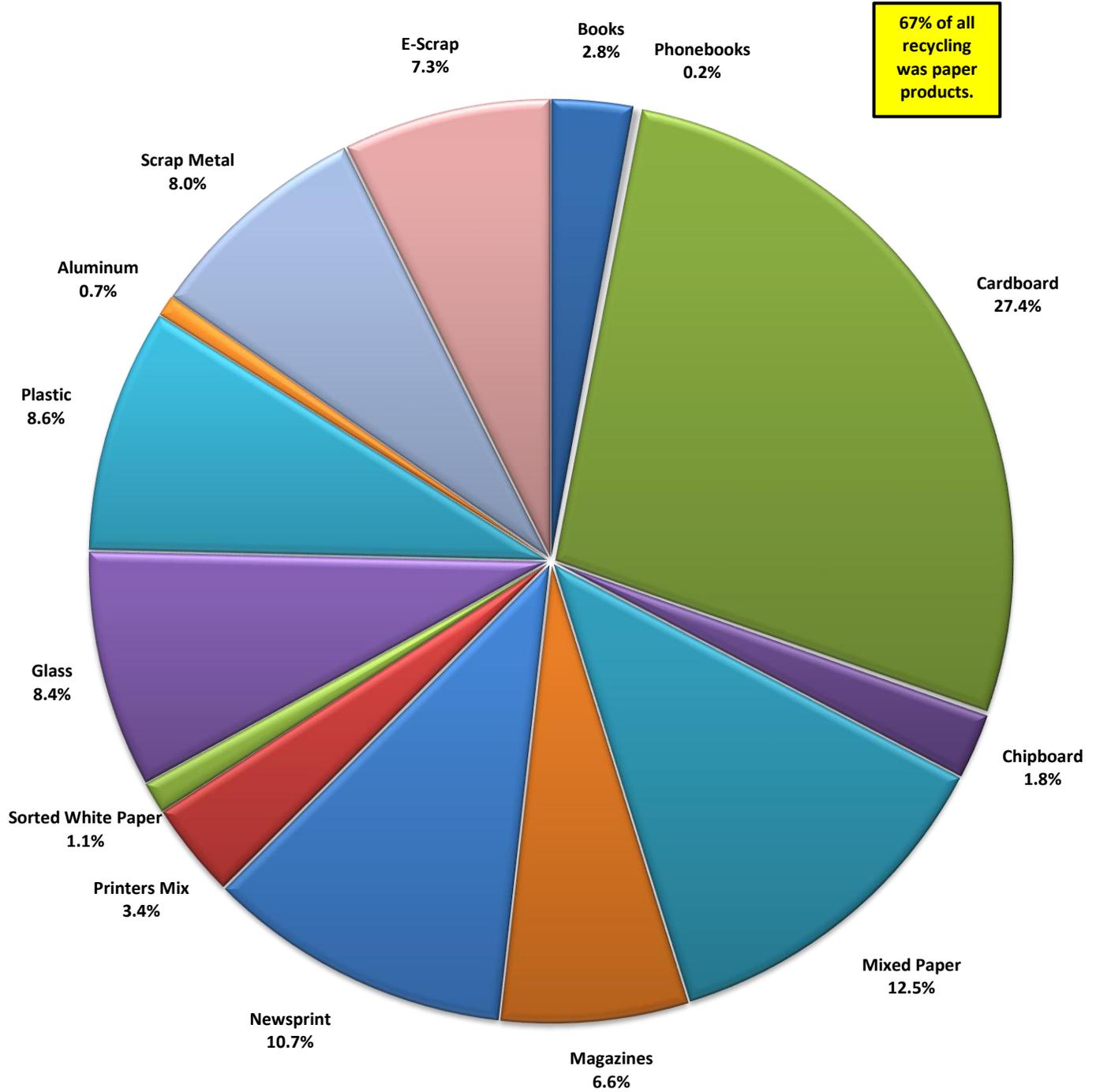
ISU RECYCLE CENTER - TOURS/PRESENTATIONS/EVENTS

Fiscal Year 2017-2018

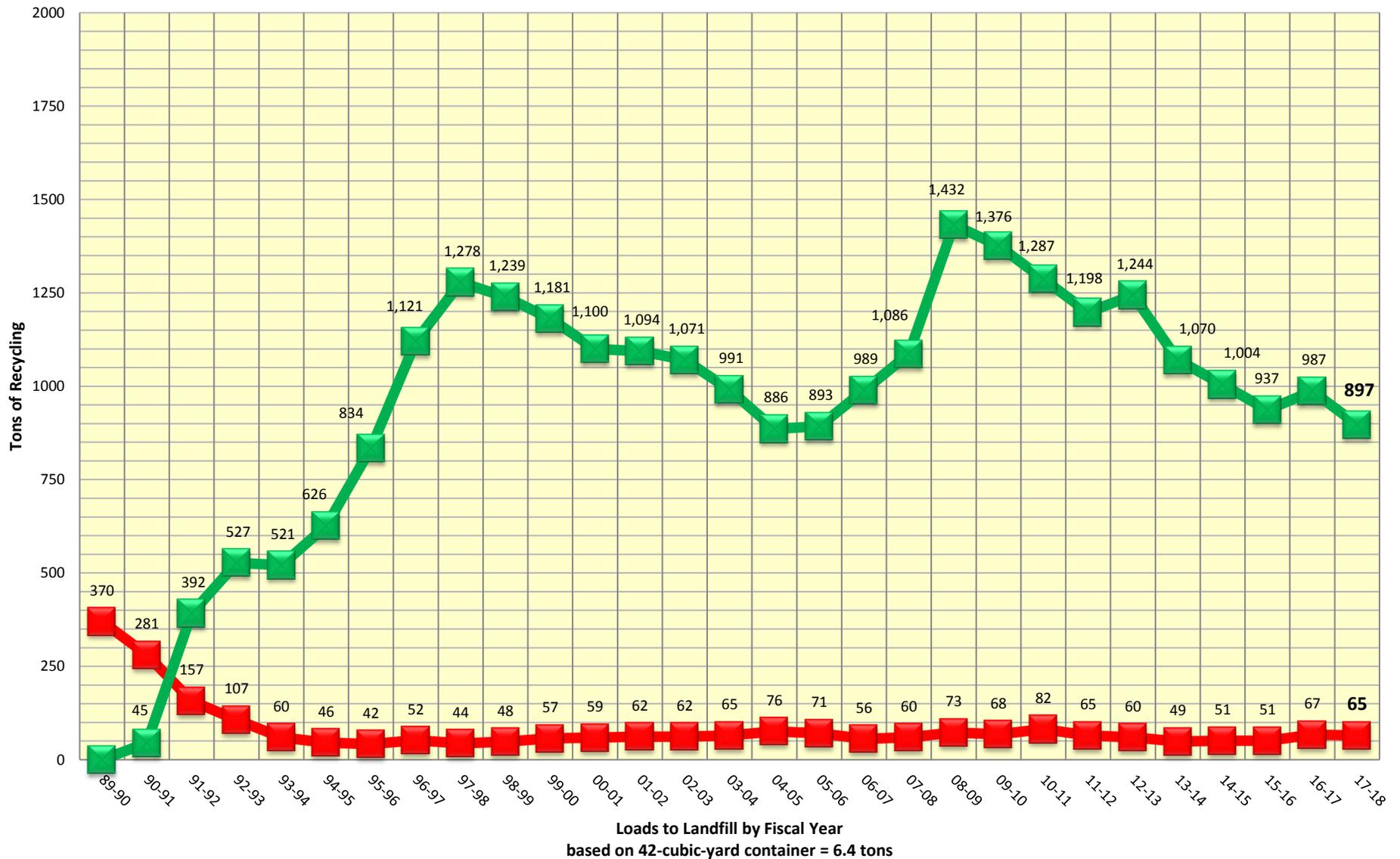
(2,125 participants)

2017	FALL SEMESTER	#att	2018	SPRING SEMESTER	#att
7/17/2017	ISU Camp Invention	20	4/9/2018	Vigo County Headstart	39
7/18/2017	ISU Camp Invention	20	4/9/2018	Riley Daisy Girl Scouts	12
7/19/2017	ISU Camp Invention	19	4/10/2018	Vigo County Headstart	16
7/20/2017	ISU Camp Invention	23	4/10/2018	Vigo County Headstart	16
7/24/2017	ISU Camp Invention	17	4/11/2018	Vigo County Headstart	40
7/25/2017	ISU Camp Invention	18	4/12/2018	Vigo County Headstart	41
7/25/2017	Youth for Christ Summer Camp	50	4/12/2018	Otter Creek Middle School	18
9/12/2017	Vigo Co. Soil & Water Conservation Days 5th Grade	400	4/19/2018	Kimmie's Kids Daycare	21
9/13/2017	Vigo Co. Soil & Water Conservation Days 5th Grade	400	4/24/2018	Clinton Central Elementary School	55
9/14/2017	Vigo Co. Soil & Water Conservation Days 5th Grade	350	4/30/2018	Edgar County IL 4-H Clover Bugs	19
11/14/2017	ISU Economics 100	21	5/3/2018	Clinton 3rd Grade/ISU Community School of the Arts	50
11/14/2017	ISU Economics 100	18	5/10/2018	Parke County Conservation Day 5th Grade	175
12/21/2017	Riley Daisy Girl Scouts	14	5/15/2018	Rosedale Elementary School 1st Grade	50
			5/16/2018	Fayette Elementary School Kindergarten	69
			5/17/2018	Ernie Pyle Elementary School 2nd Grade	34
			5/23/2018	Farrington Grove Elementary School Kindergarten & 1st Grade	100

**ISU Recycle Center
2017-2018 All Outgoing Recycling
1,794,430 pounds
897.215 tons**



ISU Recycle Center through 2017-2018 Fiscal Year Landfill (loads) vs. Recycling (tons)



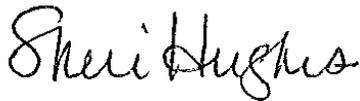
8. Mail Services

UNIVERSITY MAIL/POSTAL SERVICES

Incoming mail from the USPS totaled 781,447 pieces consisting of letters, flats, parcels and accountable mail. This is an increase of 17% from the previous year. There were also 40,250 pieces of campus mail sorted and delivered to campus departments, which is a 4% decrease. Outgoing presort mail consisted of 132,485 pieces sent to Diversified Mail Services in Indianapolis. This was a 5% increase in presort mail. Bulk mail processing for campus departments totaled 1,196,011 pieces, which was a 26% increase from the previous year. First Class mail processed through the University departmental meter amounted to 151,225 pieces, which was a 9% decrease. Total mail handled by ISU Mail Services staff for fiscal year 2017-18 totaled approximately 2,402,482 pieces which is an overall increase of 20%.

ISU Mail Services provides postal services to the downtown community and interested University employees and students through a Pitney Bowes Kiosk. The kiosk accepts credit cards only. The kiosk allows patrons to mail letters, flats and packages in a self-service fashion. There were 254 users for the period and the overall transactions totaled 1,224. There were also 1,028 stamps sold through our stamp vending machine. Post Office Boxes continue to be the responsibility of the USPS.

Respectfully Submitted



Sheri Hughes

Manager, University Mail/Postal Services

9. Fleet Management Services

As of July 1, 2018, we have purchased four new licensed vehicles. Three 2018 Ford Transit Connects and one 2018 Ford F250 Utility Truck. All four belong to Facilities Management Department and will replace 7928, a Chevrolet Express Van (Plumbers), 7714, a 1998 Ford E250 Van (Carpenters) and 7752, a 1995 Ford F250 Utility Truck (Maintenance). The fourth, 7762, a 1995 F250 had a flatbed installed and was transferred to Grounds Maintenance. The first three will be sold at auction. Since we are keeping 7752, it brings our fleet total to one hundred twenty vehicles.

Vehicles sold during the last fiscal year was a 1992 Ford E350 Box Truck from the Music Department and a 1998 Ford Windstar from the Biology Department. The Music Department has purchased a 2017 E450 Box Truck and the Biology Department and two, 2017 Chevrolet twelve Passenger Vans. Total miles ran were 410,665. This is 36,751 less than last fiscal year. Gas prices are up from last fiscal year (\$ 1.85) and currently at \$ 2.50 per gallon.

Non-licensed vehicles continue to grow. The ISU Police Department added another Polaris Ranger and Grounds Maintenance a 2018 EZgo Golf Cart. This brings the Golf Cart Fleet to thirty-two and the UTV's to ten.



Timothy Keen
Fleet Management Supervisor

**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
VEHICLE EXPENSES - DEPARTMENTAL**

INDIANA STATE UNIVERSITY

DEPARTMENT VEHICLES IN SERVICE 107

VEHICLE	LIC. NO.	MODEL	DEPT	HOURS/ MILES	LABOR COST	MATERIAL & PARTS	TOTAL COST
04 EZ GO	C18	ELECT CART	ADMISSIONS	N/A	\$75.00	\$5.00	\$80.00
JD2030	2005	PROGator	ATHLETICS/BASEBALL	N/A	\$0.00	\$0.00	\$0.00
DEALER/LOANER	7751	CHEVY	ATHLETIC LOANER	2,050	\$250.00	\$363.50	\$613.50
DEALER/LOANER	7755	FORD	ATHLETIC LOANER	9,269	\$62.50	\$286.50	\$349.00
13 NISSAN	41	MAXIMA	ATHLETIC	11,254	\$125.00	\$856.75	\$981.75
	5	BOX TRAILER	ATHLETIC	N/A	\$0.00	\$0.00	\$0.00
02 CHEVY	7705	MALIBU	ATHLETIC	2,798	\$62.50	\$96.60	\$159.10
04 CHEVY	7730	MALIBU	ATHLETIC	4,983	\$87.50	\$151.00	\$238.50
02 DODGE	7746	CARAVAN	ATHLETIC TRAINING	4,151	\$87.50	\$444.00	\$531.50
2007	JD-TX	GATOR	ATHLETIC TRAINING CLINIC	2,798	\$81.25	\$270.00	\$351.25
02 CHEVY	7775	MALIBU	ATHLETIC	10	\$0.00	\$0.00	\$0.00
02 CHEVY	7863	MALIBU	ATHLETIC	4	\$0.00	\$0.00	\$0.00
04 BUICK	7927	CENTURY	ATHLETIC	16	\$12.50	\$12.50	\$25.00
02 CHEVY	7929	MALIBU	ATHLETIC	10	\$18.75	\$2.00	\$20.75
00 DODGE	7940	CARAVAN	ATHLETIC	1,306	\$62.50	\$78.50	\$141.00
01 NAVASTAR	7941	33 PASS BUS	ATHLETIC (Diesel Fuel)	634	\$450.00	\$5,721.51	\$6,171.51
JOHN DEERE	JD#2	GATOR	ATHLETIC	N/A	\$0.00	\$0.00	\$0.00
95 CLUB CAR	37	GOLF CART	ATHLETIC	N/A	\$0.00	\$0.00	\$0.00
04 BUICK	7968	CENTURY	ATHLETIC	1	\$62.50	\$158.50	\$221.00
04 BUICK	7988	CENTURY	ATHLETIC	14,498	\$81.25	\$608.00	\$689.25
04 CHEVY	7993	VENTURE	ATHLETIC	20,600	\$162.50	\$260.50	\$423.00
08 CHEVY	8054	29 PASS BUS	ATHLETIC	313	\$143.75	\$2,076.00	\$2,219.75
98 GMC	47	SONOMA	AUTOMOTIVE TECHNOLOGY	N/A	\$12.50	\$15.00	\$27.50
2005 F150	22	FORD	AVIATION TECHNOLOGY	2,109	\$143.75	\$350.50	\$494.25
	30	TRAILER	AVIATION TECHNOLOGY	N/A	\$50.00	\$31.00	\$81.00
07 CART	AT-1	CLUB CAR	AVIATION TECHNOLOGY	N/A	\$212.50	\$374.25	\$586.75
00 CLUB CAR	C3-A	CLUB	CONTROLLERS OFFICE	N/A	\$162.50	\$125.50	\$288.00
9	8035	BOX TRAILER	BIOLOGY	N/A	\$0.00	\$0.00	\$0.00
08 TOYOTA	8041	TACOMA	BIOLOGY	5,245	\$56.25	\$68.00	\$124.25
01 FORD	8003	4X4	BIOLOGY	2,662	\$31.25	\$627.50	\$658.75
99 DODGE	7838	GRD CARA.	BIOLOGY	1,503	\$25.00	\$63.50	\$88.50
04 TOYOTA	7791	TACOMA	BIOLOGY	5,499	\$68.75	\$131.00	\$199.75
04 FORD	7747	EXPLORER	BIOLOGY	3,410	\$43.75	\$199.75	\$243.50
03 TOYOTA	8028	TACOMA	BIOLOGY	11,400	\$43.75	\$190.50	\$234.25
03 TOYOTA	8029	TACOMA	BIOLOGY	14,579	\$62.50	\$124.50	\$187.00
04 TOYOTA	7703	TACOMA	BIOLOGY	7,155	\$62.50	\$87.50	\$150.00
11 TOYOTA	6	TACOMA	BIOLOGY	6,593	\$18.75	\$44.50	\$63.25
99 CHEVY	7971	VAN	BIOLOGY	497	\$18.75	\$79.00	\$97.75
16 TRAILOR	43	TRAILOR	BUILT ENVIRONMENT	N/A	\$0.00	\$0.00	\$0.00
14 FORD	31	FORD	EARTH & ENV. SYSTEMS	6,121	\$50.00	\$75.00	\$125.00
15 DODGE	36	DODGE	EARTH & ENV. SYSTEMS	5,323	\$62.50	\$159.50	\$222.00
98 GIDDINGS	8008	SOIL DRILLER	EARTH & ENV. SYSTEMS	N/A	\$0.00	\$0.00	\$0.00
99 FORD	7994	4x4	EARTH & ENV. SYSTEMS	36	\$0.00	\$0.00	\$0.00
01 CHEVY	8014	SUBURBAN	EARTH & ENV. SYSTEMS	3,663	\$0.00	\$0.00	\$0.00
02 DODGE	7998	GD. CARAVAN	EARTH & ENV. SYSTEMS	1,452	\$0.00	\$0.00	\$0.00
01 FORD	7743	F150	ENVIRO. SAFETY	659	\$25.00	\$109.50	\$134.50
96 DODGE	8005	N/A	ENVIRO. SAFETY	364	\$37.50	\$29.50	\$67.00
00 CLUB CAR	16	CARRY ALL	ENVIRO. SAFETY	N/A	\$25.00	\$23.50	\$48.50
01 FORD	7796	ESCAPE	ENVIRO. SAFETY	1,021	\$93.75	\$116.10	\$209.85
13 TOYOTA	AA1315	AVALON	EXTERNAL RELATIONS	22,810	\$43.75	\$368.50	\$412.25
01 DODGE	7726	VAN	HULMAN STUDENT U.	1,806	\$87.50	\$251.50	\$339.00
90 CHEVY	7963	VAN	HULMAN CIVIC CENTER	163	\$0.00	\$0.00	\$0.00
01 DODGE	7725	VAN	HULMAN CIVIC CENTER	358	\$50.00	\$41.50	\$91.50
08 LONE STAR	8059	FLAT TRAILER	HULMAN CIVIC CENTER	N/A	\$0.00	\$0.00	\$0.00
ENCLOSED	8043	4 WHEEL TRAILER	MOTOR SPORTS	N/A	\$0.00	\$0.00	\$0.00

**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
VEHICLE EXPENSES - DEPARTMENTAL**

INDIANA STATE UNIVERSITY

DEPARTMENT VEHICLES IN SERVICE 107

VEHICLE	LIC. NO.	MODEL	DEPT	HOURS/ MILES	LABOR COST	MATERIAL & PARTS	TOTAL COST
06 CHEVY	7735	IMPALA	PUBLIC SAFETY	2,743	\$37.50	\$127.50	\$165.00
08 FORD	8052	RANGER	PUBLIC SAFETY	1,830	\$112.50	\$405.00	\$517.50
10 FORD	8073	CROWN VIC.	PUBLIC SAFETY	799	\$37.50	\$0.00	\$37.50
08 FORD	946ABP	EXPLORER	PUBLIC SAFETY	11,647	\$128.75	\$854.25	\$983.00
08 CLUB CAR	C08	GOLF CART	PUBLIC SAFETY	N/A	\$0.00	\$0.00	\$0.00
07 YAMAHA	PC11	GOLF CART	PUBLIC SAFETY	N/A	\$0.00	\$0.00	\$0.00
13 CLUB CAR	S12	GOLF CART	PUBLIC SAFETY	N/A	\$0.00	\$0.00	\$0.00
14 CLUB CAR	S14	GOLF CART	PUBLIC SAFETY	N/A	\$0.00	\$0.00	\$0.00
15 YAM	S15	GOLF CART	PUBLIC SAFETY	N/A	\$150.00	\$268.20	\$418.20
16 YAM	S16	GOLF CART	PUBLIC SAFETY	N/A	\$87.50	\$20.00	\$107.50
16 YAM	S17	GOLF CART	PUBLIC SAFETY	N/A	\$37.50	\$76.00	\$113.50
13 CLUB CAR	PC12	GOLF CART	PUBLIC SAFETY	N/A	\$0.00	\$0.00	\$0.00
2014	P14	GOLF CART	PUBLIC SAFETY	N/A	\$0.00	\$0.00	\$0.00
2015	P15	GOLF CART	PUBLIC SAFETY	N/A	\$12.50	\$1.50	\$14.00
2015	U-15	POLARIS	PUBLIC SAFETY	1,771	\$87.50	\$258.24	\$345.74
2018	U-18	POLARIS	PUBLIC SAFETY	0	\$12.50	\$15.00	\$27.50
12 DODGE	18	CHARGER	PUBLIC SAFETY	7,497	\$28.75	\$48.50	\$77.25
12 DODGE	19	CHARGER	PUBLIC SAFETY	7,920	\$151.25	\$759.50	\$910.75
14 FORD	29	EXPLORER	PUBLIC SAFETY	12,086	\$235.25	\$1,866.25	\$2,101.50
16 FORD	38	EXPLORER	PUBLIC SAFETY	11,835	\$122.50	\$643.50	\$766.00
17 FORD	934TGI	EXPLORER	PUBLIC SAFETY	4,525	\$31.25	\$482.00	\$513.25
13 NISSAN	41	MAXIMA	PUBLIC SAFETY	11,254	\$0.00	\$0.00	\$0.00
16 FORD	42	EXPLORER	PUBLIC SAFETY	15,250	\$87.50	\$68.50	\$156.00
14 CLUB CAR	C123	6 PASS CART	PROVOST	N/A	\$0.00	\$0.00	\$0.00
15 BUICK	55	ENCLAVE	PRESIDENT (FACMAN)	1,101	\$31.25	\$41.50	\$72.75
94 CLUB	3	CART	PURCHASING/ STORES	N/A	\$0.00	\$0.00	\$0.00
MELEX	4	CART	PURCHASING/ STORES	N/A	\$0.00	\$0.00	\$0.00
TOYOTA	TOYOTA 1	FORK LIFT	PURCHASING/ STORES	N/A	\$12.50	\$87.32	\$99.82
TOYOTA	TOYOTA 2	FORK LIFT	PURCHASING/ STORES	N/A	\$12.50	\$65.00	\$77.50
00 FORD	7964	F550 BOX VAN	PURCHASING/ STORES	1,124	\$81.25	\$475.52	\$556.77
EQUIP	EQUIP	EQUIPMENT	PURCHASING/ STORES	N/A	\$0.00	\$0.00	\$0.00
02 CHEVY	7742	VAN	RES LIFE/HOUSING	1,487	\$75.00	\$82.50	\$157.50
97 CHEVY	7704	ASTRO	RES LIFE/HOUSING	2,255	\$25.00	\$33.50	\$58.50
00 FORD	7718	E-150 VAN	RES LIFE/HOUSING	1,213	\$31.25	\$98.00	\$129.25
93 FORD	7815	VAN	RES LIFE/HOUSING	997	\$37.50	\$85.00	\$122.50
99 MERCURY	7999	VILLAGER	RES LIFE/HOUSING (Natural Gas)	1,982	\$75.00	\$108.00	\$183.00
95 FORD	7983	VAN	RES LIFE/HOUSING	1,790	\$50.00	\$96.00	\$146.00
08 CHEVY	8053	SILVERADO	RES LIFE/HOUSING	2,151	\$0.00	\$0.00	\$0.00
97 FORD	7875	F150	RES LIFE/HOUSING	290	\$25.00	\$54.80	\$79.80
99 FORD	7942	F550 XL S	RES LIFE/HOUSING	711	\$125.00	\$148.00	\$273.00
03 FORD	8051	P/U	RES LIFE/HOUSING	2,589	\$100.00	\$162.00	\$262.00
07 DODGE	8066	CARAVAN	RES LIFE/HOUSING	5,158	\$237.50	\$263.75	\$501.25
15 KUBOTA	RES 1	TRACTOR	RES LIFE/HOUSING	N/A	\$0.00	\$0.00	\$0.00
16 KUBOTA	RES 2	CART	RES LIFE/HOUSING	N/A	\$37.50	\$314.11	\$351.61
16 KUBOTA	RES 3	CART	RES LIFE/HOUSING	N/A	\$0.00	\$0.00	\$0.00
16 CLUB CAR	RES 4	CART	RES LIFE/HOUSING	N/A	\$0.00	\$0.00	\$0.00
	7995	BOAT TRAILER	SYCAMORE OUTDOOR CNT	N/A	\$0.00	\$0.00	\$0.00
99 FORD	7938	RANGER	SYCAMORE OUTDOOR CNT	585	\$0.00	\$0.00	\$0.00
14 KAW	MULE 2	MULE 610	STUDENT RECREATION CNT.	N/A	\$0.00	\$0.00	\$0.00
03 CHEVY	8027	VENTURE	TELECOMMUNICATIONS	850	\$87.50	\$301.70	\$389.20
00 DODGE	7832	CARAVAN	TELECOMMUNICATIONS	1,029	\$25.00	\$15.00	\$40.00
05WORK HRS	3	STEP VAN	THEATER	1,188	\$0.00	\$0.00	\$0.00
GRAND TOTAL 2017 - 2018:				294,780	\$5,741.50	\$23,403.10	\$29,144.60
GRAND TOTAL 2016 - 2017:				316,728	\$7,916.00	\$24,774.45	\$32,690.45

** For further detailed information on any individual vehicle listed (ie. gal, mpg) please contact Facilities Management @ 812-237-3620

**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
VEHICLE EXPENSES - FACILITIES MANAGEMENT**

INDIANA STATE UNIVERSITY

FACILITIES MANAGEMENT VEHICLES IN SERVICE (92)

VEHICLE	LIC. NO.	MODEL	DEPT	MILES/HOURS	LABOR COST	MATERIALS & PARTS	TOTAL COST
93 ISUZU	7980	PICKUP	A/C	148	\$18.75	\$29.00	\$47.75
00 GMC	8012	TRUCK	A/C	6,268	\$100.00	\$85.00	\$185.00
07 FORD	8048	E250	A/C	3,456	\$100.25	\$334.60	\$434.85
98 FORD	7714	E350 VAN	CARPENTERS	2,211	\$12.50	\$0.00	\$12.50
01 DODGE	7756	TRUCK	CARPENTERS	722	\$31.25	\$20.60	\$51.85
07 FORD	8049	E250	CARPENTERS	3,712	\$75.00	\$282.50	\$357.50
97 CLUB CAR	1	CLUB CAR	CARPENTERS	N/A	\$68.75	\$575.75	\$644.50
96 CLUB CAR	10	CAR	CARPENTERS	N/A	\$0.00	\$0.00	\$0.00
11 JLG	JLG 450	HI LIFT	CARPENTERS	N/A	\$12.50	\$146.67	\$0.00
13 CLUB CAR	F19	CLUB CAR	CARPENTERS	N/A	\$0.00	\$0.00	\$0.00
18 FORD	61	TRANSIT CON	CARPENTERS	348	\$187.50	\$362.50	\$550.00
02 CLUB CAR	7	CARRY ALL	CENTRAL HEATING PLANT	N/A	\$62.50	\$39.25	\$101.75
02 CLUB CAR	8	CARRY ALL	CENTRAL HEATING PLANT	N/A	\$50.00	\$61.25	\$111.25
CAT	CAT3	FORK LIFT	CENTRAL HEATING PLANT	N/A	\$0.00	\$0.00	\$0.00
03 FORD	7702	E250	CENTRAL HEATING PLANT	224	\$25.00	\$74.00	\$99.00
02 DODGE	7757	DODGE	CUSTODIAL/REC.	583	\$75.00	\$41.00	\$116.00
01 CUSHMAN	7786	REFUSE	CUSTODIAL/REC.	N/A	\$0.00	\$0.00	\$0.00
01 CUSHMAN	7800	REFUSE	CUSTODIAL/REC.	N/A	\$400.00	\$465.00	\$865.00
13 COLUMBIA	R1	REFUSE	CUSTODIAL/REC.	N/A	\$50.00	\$230.00	\$280.00
94 ISUZU	7868	DUMP	CUSTODIAL/REC.	4,982	\$150.00	\$277.00	\$427.00
97 ISUZU	7917	TRUCK	CUSTODIAL/REC.	2,608	\$175.00	\$1,011.90	\$1,186.90
03 FORD	7976	TRUCK	CUSTODIAL/REC.	4,280	\$150.00	\$277.50	\$427.50
03 CHEVY	8025	VENTURE	CUSTODIAL/REC.	1,911	\$37.50	\$866.00	\$903.50
03 CHEVY	8026	VENTURE	CUSTODIAL/REC.	3,862	\$231.25	\$1,341.78	\$1,573.03
02 E-Z-GO	9	SHUTTLE CART	CUSTODIAL/REC.	N/A	\$0.00	\$0.00	\$0.00
05 CLUB CAR	15	CART	CUSTODIAL/REC.	N/A	\$0.00	\$0.00	\$0.00
CAT	CAT 2	FORK LIFT	CUSTODIAL/REC.	N/A	\$37.50	\$13.00	\$50.50
07 CLARK	CLARK 2	FORK LIFT	CUSTODIAL/REC.	N/A	\$25.00	\$26.50	\$51.50
09 CLARK	MITSH 1	FORK LIFT	CUSTODIAL/REC.	N/A	\$175.00	\$169.00	\$344.00
17 HUSTLER	MDT 1	REFUSE CART	CUSTODIAL/REC.	N/A	\$6.25	\$0.00	\$6.25
08 E-Z-GO	N/A	CART	DISTANCE SUPPORT	N/A	\$0.00	\$0.00	\$0.00
00 FORD	7701	CARGO VAN	ELECTRICIANS	1,124	\$12.50	\$311.00	\$323.50
04 FORD	7732	F250	ELECTRICIANS	2,432	\$75.00	\$329.30	\$404.30
99 FORD	7761	F150 4X4	ELECTRICIANS	1,165	\$62.50	\$246.00	\$308.50
06 FORD	7923	F250	FACILITIES MAINTENANCE	1,836	\$112.50	\$213.50	\$326.00
16 FORD	46	BUCKET TRK F550	ELECTRICIANS	422	\$275.00	\$981.22	\$1,256.22
04 FORD	8031	F250 PICK-UP	ELECTRICIANS	1,925	\$25.00	\$37.25	\$62.25
03 CLUB CAR	87	CARRY-ALL	ELECTRICIANS	N/A	\$0.00	\$0.00	\$0.00
03 CLUB CAR	11	CARRY-ALL	ELECTRICIANS	N/A	\$0.00	\$0.00	\$0.00
18 FORD	63	TRANSIT	ELECTRICIANS/ELECT. TECH.	123	\$187.50	\$362.50	\$550.00
16 TRAILER	44	TRAILER	F/M OFFICE	N/A	\$0.00	\$0.00	\$0.00
18FORD	54	ESCAPE	F/M OFFICE	755	\$31.25	\$0.00	\$31.25
02 CHEVY	8019	MALIBU	F/M OFFICE	1,101	\$50.00	\$379.92	\$429.92
09 FORD	8058	ESCAPE HYBRID	F/M OFFICE	867	\$112.50	\$1,540.34	\$1,652.84
16 FORD	40	F150	F/M OFFICE	1,927	\$25.00	\$29.50	\$54.50
04 CLUB CAR	83	CART	F/M OFFICE	N/A	\$0.00	\$0.00	\$0.00
05 CLUB CAR	13	CART	F/M OFFICE	N/A	\$31.25	\$24.25	\$55.50
05 CLUB CAR	14	CART	F/M OFFICE	N/A	\$25.00	\$28.25	\$53.25
13 CLUB CAR	85	CART	F/M OFFICE	N/A	\$0.00	\$0.00	\$0.00
16 CARRY ALL	85	CART	F/M OFFICE	N/A	\$0.00	\$0.00	\$0.00
17 CLUB CAR	F84	CART	F/M OFFICE	N/A	\$75.00	\$81.00	\$156.00
92 CLARK	CLARK 1	FORK LIFT	F/M OFFICE	N/A	\$37.50	\$83.00	\$120.50
98 FORD	7772	E350 VAN	FILTER CREW	2,625	\$156.25	\$331.25	\$487.50
14 3500	25	CHEVY	GROUNDNS	4,560	\$56.25	\$895.05	\$951.30
TRAILER	27	TRAILER	GROUNDNS	N/A	\$0.00	\$0.00	\$0.00
Yale 1	FORKLIFT	FORK LIFT	GROUNDNS	N/A	\$0.00	\$0.00	\$0.00

**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
VEHICLE EXPENSES - FACILITIES MANAGEMENT**

INDIANA STATE UNIVERSITY

FACILITIES MANAGEMENT VEHICLES IN SERVICE (92)

VEHICLE	LIC. NO.	MODEL	DEPT	MILES/HOURS	LABOR COST	MATERIALS & PARTS	TOTAL COST
95 FORD	7720	F450 DUMP	GROUND	1,510	\$50.00	\$41.00	\$91.00
91 FORD	7739	F450 DUMP	GROUND	701	\$75.00	\$205.00	\$280.00
95 FORD	7748	F450 DUMP	GROUND	1,957	\$175.00	\$1,178.80	\$1,353.80
97 TRAILER	7959	TRAILER	GROUND	N/A	\$0.00	\$0.00	\$0.00
HUDSON	7770	TRAILER	GROUND	N/A	\$0.00	\$0.00	\$0.00
07 FORD	8037	RANGER	GROUND	3,888	\$131.25	\$1,235.00	\$1,366.25
07 FORD	8038	RANGER	GROUND	3,884	\$75.00	\$195.05	\$270.05
07 FORD	8039	RANGER	GROUND	4,328	\$62.50	\$148.50	\$211.00
08 TOYOTA	8061	TACOMA	GROUND	4,389	\$68.75	\$74.50	\$143.25
08 FORD	8064	F150	GROUND	9,087	\$31.25	\$866.60	\$897.85
11 CLUB CAR	E1	CART	GROUND	N/A	\$0.00	\$0.00	\$0.00
11 CLUB CAR	E2	CART	GROUND	N/A	\$0.00	\$0.00	\$0.00
09 CLUB CAR	G1	DIESEL	GROUND	N/A	\$0.00	\$0.00	\$0.00
09 CLUB CAR	G2	DIESEL	GROUND	N/A	\$0.00	\$0.00	\$0.00
97 CLUB CAR	GC2	CART	GROUND	N/A	\$100.00	\$261.75	\$361.75
14 CLUB CAR	CCG1	CART	GROUND	N/A	\$50.00	\$101.25	\$151.25
15 CLUB CAR	GC4	CART	GROUND	N/A	\$37.50	\$73.00	\$110.50
18 EZGO	GC5	CAR	GROUND	NA	\$18.75	\$29.00	\$47.75
2015	37	NISSAN	GROUND	5,029	\$112.50	\$415.30	\$527.80
16 NISSAN	45	FRONTIER	GROUND	2,303	\$43.75	\$67.00	\$110.75
95 FORD	7762	F250 PICK-UP	GROUND	7,762	\$6.25	\$18.00	\$24.25
04 CHEVY	7768	VAN	LOCKSMITH	2,021	\$25.00	\$70.00	\$95.00
00 DODGE	7966	GRAND CARAVAN	MAIL ROOM	1,664	\$31.25	\$174.50	\$205.75
00 DODGE	7989	GRAND CARAVAN	MAIL ROOM	1,640	\$56.25	\$101.00	\$157.25
95 FORD	7752	F250	MAINTENANCE	3,422	\$50.00	\$131.00	\$181.00
18 FORD	58	F250	MACHINE SHOP	898	\$0.00	\$10.00	\$10.00
06 FORD	7944	CARGO VAN	PAINTERS	950	\$62.50	\$252.50	\$315.00
03 CHEVY	8030	CUT-A-WAY	PLUMBERS	807	\$56.25	\$127.50	\$183.75
00 CHEVY	7928	EXPRESS VAN	PLUMBERS	1,442	\$50.00	\$132.00	\$182.00
18 FORD	62	TRANSIT CON	PLUMBERS	22	\$187.50	\$362.50	\$550.00
03 CHEVY	8024	VENTURE	SCIENCE BLDG. MAINT	1,921	\$50.00	\$96.50	\$146.50
00 CHEVY	7713	BOX VAN	SET-UP/MOVING	301	\$0.00	\$0.00	\$0.00
07 CHEVY	8060	BOX VAN	SET-UP/MOVING	3,408	\$0.00	\$0.00	\$0.00
F/M EQUIP	F/M MISC.	EQUIP/WELDER	STEAM FITTERS	N/A	\$0.00	\$0.00	\$0.00
CAT3	CAT	FORK LIFT	STEAM FITTERS	N/A	\$37.50	\$191.00	\$228.50
06 FORD	7766	E250	STEAM FITTERS	1,490	\$25.00	\$33.00	\$58.00
TOTAL				121,001	\$5,275.25	\$19,194.38	\$24,310.46

MOTOR POOL VEHICLES IN SERVICE (6)

VEHICLE	LIC. NO.	MODEL	MILEAGE	DEPT.	LABOR COST	MAT'L & PARTS	TOTAL COST
95 CHEVY	7784	SERVICE TRUCK	793	FLEET	\$ 212.50	\$ 480.00	\$ 692.50
97 FORD	7867	E350	855	FLEET	\$ 62.50	\$ 549.00	\$ 611.50
03 BUICK	7915	CENTURY	561	FLEET	\$ 87.50	\$ 351.50	\$ 439.00
09 DODGE	8062	GRAND CARAVAN	812	FLEET	\$ 118.75	\$ 652.50	\$ 771.25
00 CLUB	17	CLUB CAR	N/A	FLEET	\$ 25.00	\$ 20.75	\$ 45.75
09 DODGE	8063	GRAND CARAVAN	841	FLEET	\$ 106.25	\$ 528.70	\$ 634.95
TOTAL 2017 - 2018:			3,862		\$ 612.50	\$ 2,582.45	\$ 3,194.95
TOTAL 2016 - 2017:			8,920		\$ 425.00	\$ 1,545.73	\$ 1,970.73

VEHICLES SOLD (2)

VEHICLE	LIC. NO.	MODEL	MILEAGE	DEPT.	LABOR COST	MAT'L & PARTS	TOTAL COST
98 FORD	7775	WINDSTAR		BIOLOGY	\$ -	\$ -	\$ -
92 FORD	7863	E350 BOX TRUCK		MUSIC	\$ -	\$ -	\$ -
TOTAL 2017 - 2018:					\$ -	\$ -	\$ -

** For further detailed information on any individual vehicle listed (ie. gal, mileage, mpg) please contact Facilities Management @ 237-3620

10. Grounds Maintenance Division

Mission Statement:

We plan, develop and maintain the outdoor physical environment and provide outdoor services to enhance Indiana State University's mission of teaching, research, lifelong learning, and public service in support of our students, faculty, staff, visitors and the Terre Haute community.

Ongoing Responsibilities:

The Grounds Maintenance Section manages **330 acres** within Terre Haute city limits with **22 full-time staff** and 18+ contracted maintenance service providers. In addition, **120 acres of adjacent urban properties (over 350 separate city lots)** are maintained by Grounds. Included in all of the area covered are the maintenance and repair of **nearly 16 miles of sidewalk** (concrete, asphalt and pavers) and the maintenance and repair of **over 20 parking lots**, all curb and crosswalk painting, plus three university-owned streets within campus boundaries (5th, 6th, and Chestnut).

Grounds is responsible for the design and maintenance of **nearly 20 specialty gardens** including:

- Tirey Butterfly Garden
- Welcome Center Wildlife Courtyard
- Kepner Perennial Garden
- Goldfish Pond
- National Road Plaza Garden
- Oakley Plaza Garden
- CHHS Native Gardens
- Rankin Patio Green Roof
- College of Ed Native Plantings
- Library Native Gardens
- Fairbanks Sculpture Garden
- Career Center Native Bio-Infiltration Gardens
- Root Hall Contemplative Garden
- President's Condit House Historical Residence
- Normal Hall Native Bio-Retention
- Dede Fountain Native Plantings with Sycamore Banquet Center Patio

Over 80 large planters are also planted and maintained throughout campus.

There are **more than 2400 trees** on the main campus for which Grounds staff manage and provide care. In addition, **18 tree farms** are maintained for raising larger caliper tree stock used for transplanting. Every three years, tree inventories and hazard reports are updated. The Section also monitors and facilitates the **Memorial Trees Program** that includes memorial benches and other types of markers. Moreover, site furnishings throughout campus are maintained, and the inventories and conditions are **tracked using GPS**.

The campus portion of the **National Road Heritage Trail bike path** is maintained by Grounds. Included in the campus bike path maintenance are bike racks, service stations and air pumps.

Eighty percent of the main ISU campus is irrigated. Grounds staff maintain the campus-wide irrigation system, as well as the campus drywell system. Additionally, they install/maintain **rain gardens and retention areas**.

All turf on the main campus is mowed in-house. Surplus properties are mowed through a contract service. Campus **turf is managed organically**, except for a small percentage of herbicide treatment for invasive weeds. All recreational sports athletic fields and the non-playing field areas of intercollegiate athletics facilities are maintained by Grounds. Repair of all campus fence installations are also maintained and coordinated.

The Grounds Maintenance Section is *on-call 24/7 to perform all campus emergency response activities* including snow removal, flood response, wind damage, and public safety barricade needs. The section also provides or coordinates wild animal response and beehive relocation.

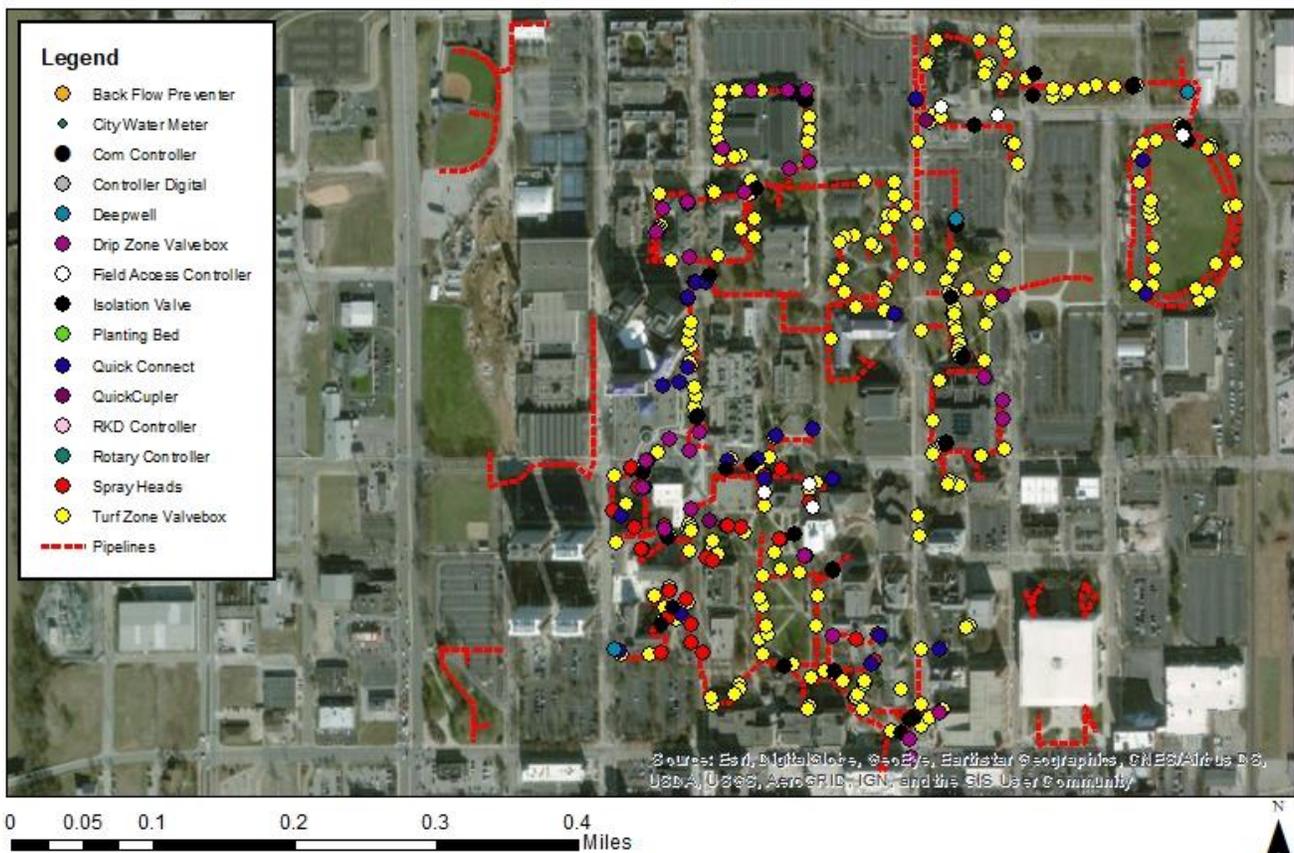
In concert with other departments on campus, Grounds monitors and provides *services for special events* (both ISU-sponsored events and facility rental events). Storage of surplus building materials from all campus construction activities is managed by the department. Logistical assistance is provided to construction contractors to ensure safe outdoor environments, as well as providing repair to boundary areas post construction.

Internally, the Section conducts *in-house training programs* to include First Aid/CPR and horticultural practices. The office serves as a host to *student interns* in fields of Landscape Architecture, Recreation Management, and Grounds Maintenance. Staff perform all administrative tasks within the office to include accounts payments, supply acquisition, requisition preparation, budget tracking, attendance tracking, and monitoring of training progress.

Special Projects:

- A complete GIS map (see map below) showing all the irrigation zones and structures on campus has been created by Jim Greaver and a student intern, Gino Brown. This includes aerial photos of each area with graphics highlighting all the irrigation elements. This will help greatly when our irrigation technician is unavailable.

Irrigation System





- The ***Kepner Memorial Perennial Garden*** was dedicated in August of 2017 on Fall Donaghy Day. Since that time, we have added additional perennials twice because we lost some of the perennials that were not quite established due to the extremely cold winter. Until complete establishment, we continue to mulch heavily and fill with annuals. Extensive drainage structures were added in June to prevent mulch washout in the NW bed.

Kepner Garden becoming established

- The ***Cunningham Library entrance court*** south half was cleared of ivy, and native plugs were planted there and around the patio and main walkway. This is becoming well established and filling in nicely. The north entrance court remains and will be revamped fall of 2018.

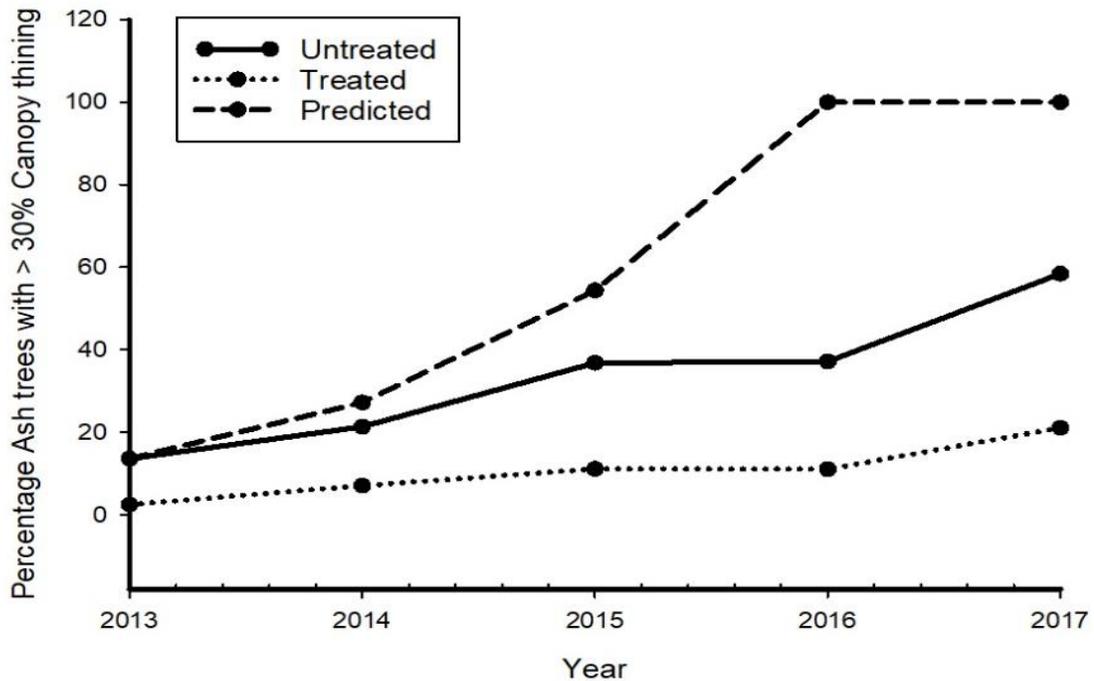


Library English Ivy replaced with native plantings

- A1 Concrete Leveling performed ***maintenance on 28 concrete slabs*** in September of 2017, which is ***fewer than the previous year***. Each year, we have less areas to repair and have seen no reoccurrence of subsidence after repairs are completed. This is our 5th year employing this technique.
- ***Root Hall Contemplative Garden*** now has bamboo screens, constructed through our blanket contract with White's Creative Landscaping. The next step is to modify the planting scheme to relate to the screens.
- Ash tree decline has plateaued. The ***Purdue SLAM study*** is complete, and a summary chart is included below. Even though we are treating on a 3-year schedule, we began our treatment of ALL remaining ash trees on campus, which number over 220. Our Turf Technician treated 64 of them this summer, because he

had a very small window before the heat wave started in June. The remaining trees will be treated next spring. The graph illustrates how *partial treatment provides benefits to untreated trees*.

Terre Haute Campus SLAM



- **Cromwell Hall** landscaping was still under warranty and needs major repair work, with over 100 plants dying since installation. The contractor has been notified and has scheduled replanting.
- The native planting around the **Solar Leaf** is still a heavy battlefield against invasive plants, but we will continue to monitor and clear undesirable plants. The plan at this time is to mow in the fall and reseed heavily, then see what happens next year. The goal is still to establish a native prairie, and this has been our most spectacular failure area.
- **Tree planting continues** on the open properties west of 3rd Street. With the arctic cold period in December of 2017, we lost a large number of the Allee Elm transplants from the Lafayette Avenue tree farm. Although we were watering regularly, and they had been moved over 1.5 years prior, they did not survive the winter. Nearly 20 of them never leafed out in the spring.
- The **Community Garden** seems to have leveled out with a **total number of plots at over 150 and nearly 200 gardeners**. The Office of Sustainability continues to operate from the 'garden house' which provides a strong perceptible connection between university and community. Cayle Moreo is creating a Permaculture planting on the 12th Street property behind the Big Red Liquor store. It will contain large numbers of fruit/nut trees and berry producing shrubs. We continue to collect wood chips for use as mulch in this area.

- in-



Paver repair is now completed mostly house by Daniel May, our paver technician. This year, he also completed a campus-wide replacement of all the budget style retaining walls with the campus standard block wall from Reading Rock. He also replaced some white flagstone slopes with a block wall in Oakley Plaza. Having a standard for retaining walls throughout campus will improve the overall aesthetic.

Retaining Wall at Oakley Plaza Upgraded

- The transition continues to **low chemical turf care** with highest quality standards on the Quad and immediately surrounding areas. Tree cover is a primary component of this, as the increased strength of the sun is burning the turf, even with irrigation running daily. There is also added pressure from invasive grasses such as Nimblewell, Nutsedge and Bermuda grass. Mechanical and chemical methods are being employed to reduce the spread of these invasives, but they are widespread throughout the community, so control will be nearly impossible.



Shade over Turf at every Opportunity

- **Career Center native areas** are establishing very well. We plan to excavate the dry well soon and possibly add a second well with an overflow connection.
- **Normal Hall drainage revision** has been incorporated into the **Fine Arts renovation project**.
- New Housing was completed west of 3rd Street, and university-owned properties in the area received good **top soil replacement in the tree rows**. We will **plant trees** sometime in fall of 2018 or spring of 2019.
- A large Rock Elm near the **Condit House** was removed even though it appeared to be healthy looking at the crown. Our hazard inventory recommendation had been to observe it closely, and it might need removal in two to three years. This was the three-year point, and some decay visible in the trunk bark indicated a large section of the tree could tear away and fall toward Condit. This was confirmed after removal as the decay lines through the heartwood were continuous. It was over 100' tall.

- **Parking Lot sealcoating and Curb and Crosswalk painting** responsibilities (shown in the table below) were returned to Grounds after 3 years. Next year, our contractor will employ a new sealcoating resin that is not petroleum-based and is both more durable and creates less negative impact.

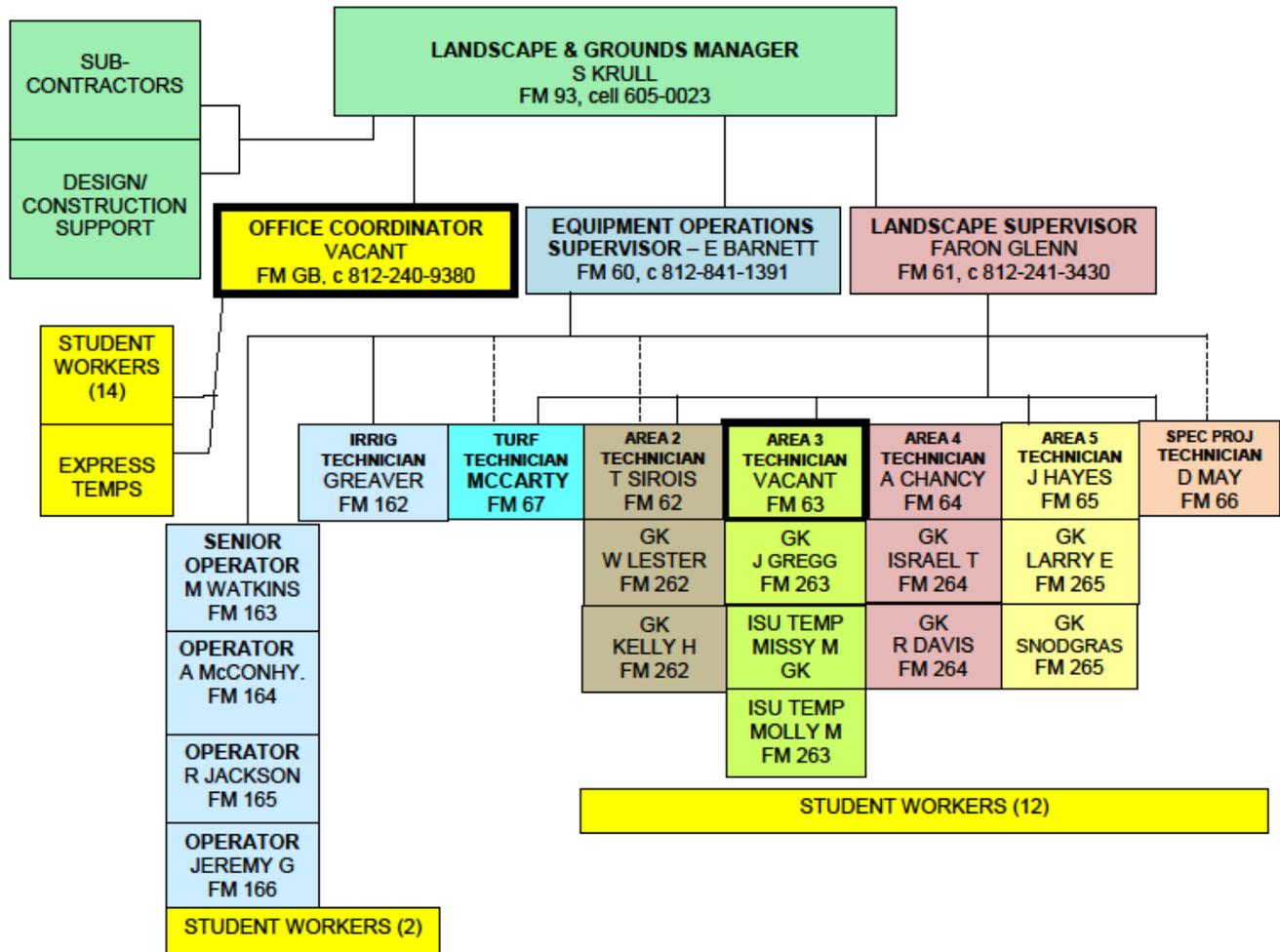
Indiana State University Parking Lots

Name of Lot	Square Ft.	# of Spaces	Linear Ft. Lines	# of Dry Wells	# of Islands	# of Trees
Lot 1	7425	16 (1)		0	0	2
Lot 5	61,500	192 (12)		2	5	57
Lot 9	46,800	168 (6)		1		15
Lot 10	93,250	269 (8)		1	11	82
Lot 11	20,380	53 (7)			3	22
Lot 13						
Lot 14	102,780	327 (8)			15	27
Lot 15	82,000	272 (9)				77
Lot 20	12,680	33		2		15
Lot 21	26,200	89 (3)		2	4	24
Lot 22	21,600	83 (3)			4	16
Lot 23	13,860	16 (1)				
Lot 24	107,400	378 (10)		3	12	24
Lot 24 Ext.	14,200	48 (2)		1	2	15
Lot A	333,000	773 (27)			44	74
Lot B	7,200	24 (2)		0	0	11
Lot C	44,900	156 (2)		0	7	26
Lot D	55,500	175 (6)		0	0	31
Lot D Ext.	46,600	125?????	Driver's Ed	0	0	0
Lot F	10,800	34	Gravel		1	7
Lot G	44,700	109		2	3	21
Lot H	1,200	41	Gravel			
Lot J	7,300	19 (2)		0	0	6
Lot M	93,200	298 (8)		2	40	18
Lot N	59,400	175	Gravel			12
Lot O						
Lot Q (18)	94,500	312 (8)			14	41
Lot R	31,400	122 (7)		5	5	14
Lot S						
Welcome Ctr	12,700	33 (3)		3	1	9
7th St Pay Lot	14,200	39 (19)		4	2	24
North Pay Lot	42,400	134 (4)		6	4	31
Ed Clinic Lot	10,200	25 (2)		2		13
Root Hall Lot	3,800	12 (2)				7
Married Housing	113,500	436				
TOTALS	1,636,575	4066		36	177	721

Future Needs:

- Continue commitment to **student and temporary employment budget**. We are employing between 8 and 14 students on a routine basis now, throughout the year, and we have excellent productivity from a large percentage of them.
- U.S. Lawns **street sweeping** service was deployed only once this fiscal year. The price was reasonable, but their equipment is not as powerful as we expected and only removed the larger debris. Grounds had to go behind and clean up manually. We need a better, more cost effective alternative to removing debris from the campus streets and parking lots.
- All the Grounds Technicians failed their attempts to take both the **3A and 3B Pesticide Applicator Tests**, so we currently only have one certified applicator, Erick Barnett. Since the test/classroom combination is only offered twice per year at Purdue, we will schedule the test locally at Ivy Tech and will conduct in-house tutoring sessions to prepare all the technicians. This is a priority for next year.

Current Personnel Status:



Goals:

- Expand our conversion from **annual displays to perennial beds**. The ultimate goal is to employ straight annuals in planters only, and use annuals as support plantings in the native or nearly native perennial beds to fill in color gaps. This should cut our plant expenditures in half over time. We also need to **employ seeding in situ** as a method for creating annual color. We have adopted the practice of leaving many of our mums in the ground, to be cared for so they bloom again in subsequent years.
- Make our **composting process** more effective overall. We also hope to **include students in the testing process** for experiential learning opportunities.
- **BLS (bacterial leaf scorch)** continues to be evident, especially among the oak trees. We will continue to care for the affected trees to prolong their lives, and practice avoidance of planting large numbers of new trees that are susceptible.
- Fine tune our 'problem areas' to achieve a **higher degree of maintenance throughout all areas** of campus, and not just the high profile areas.
- Improve our implementation and understanding of the **Collector App** so that in the future our tree, irrigation and site furnishing inventories will be updated immediately by any Groundswoker who is doing work in the field, using his tablet or phone while the work is happening. This will allow us to maintain a real time inventory of all the elements affecting our landscaping work.

- Improve our *training documentation*, especially as it relates to equipment operation, preventive maintenance, and safety.
- Improve our documentation for equipment repair.

Performance Measures:

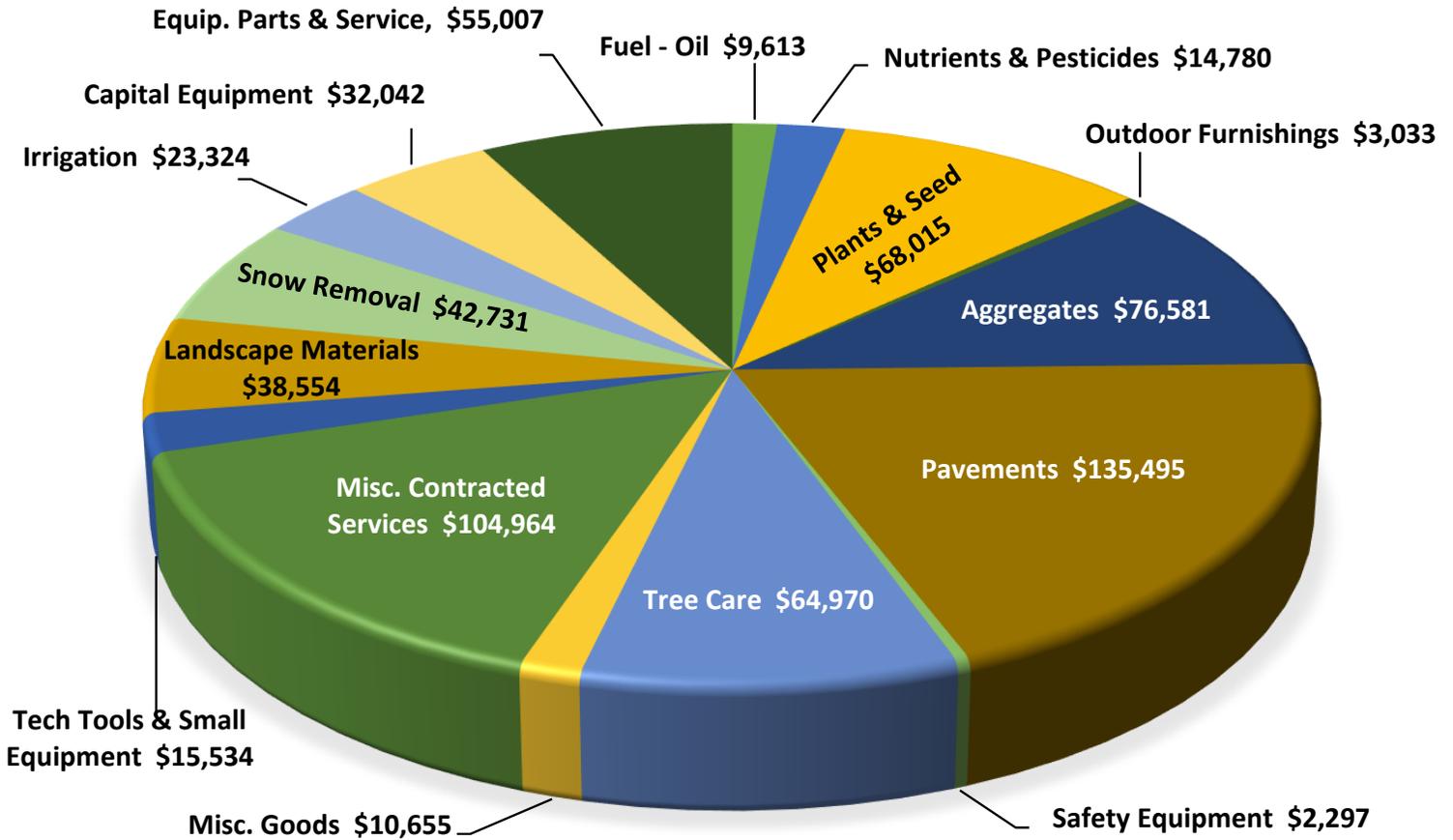
- 10th year as *Tree Campus USA*
- A significant percentage of new students continue to cite the *outdoor campus environment* as having influenced their decision to attend ISU.
- **Over 220 healthy Ash trees of 500** remain on campus, six years after the first Emerald Ash Borer was officially documented.
- Stephanie Krull, Landscape and Grounds Manager, became a *Certified Grounds Manager* through the Professional Grounds Management Society's rigorous review process, using a Power Point outline of all the work done in the department under her supervision.





Two Views of First Street Islands and the Gibson Track Entrance

GROUNDS MAINTENANCE EXPENSES



Total Spending: \$697,595

Operating Budget: \$295,700

Capital Equipment Budget: \$ 32,042

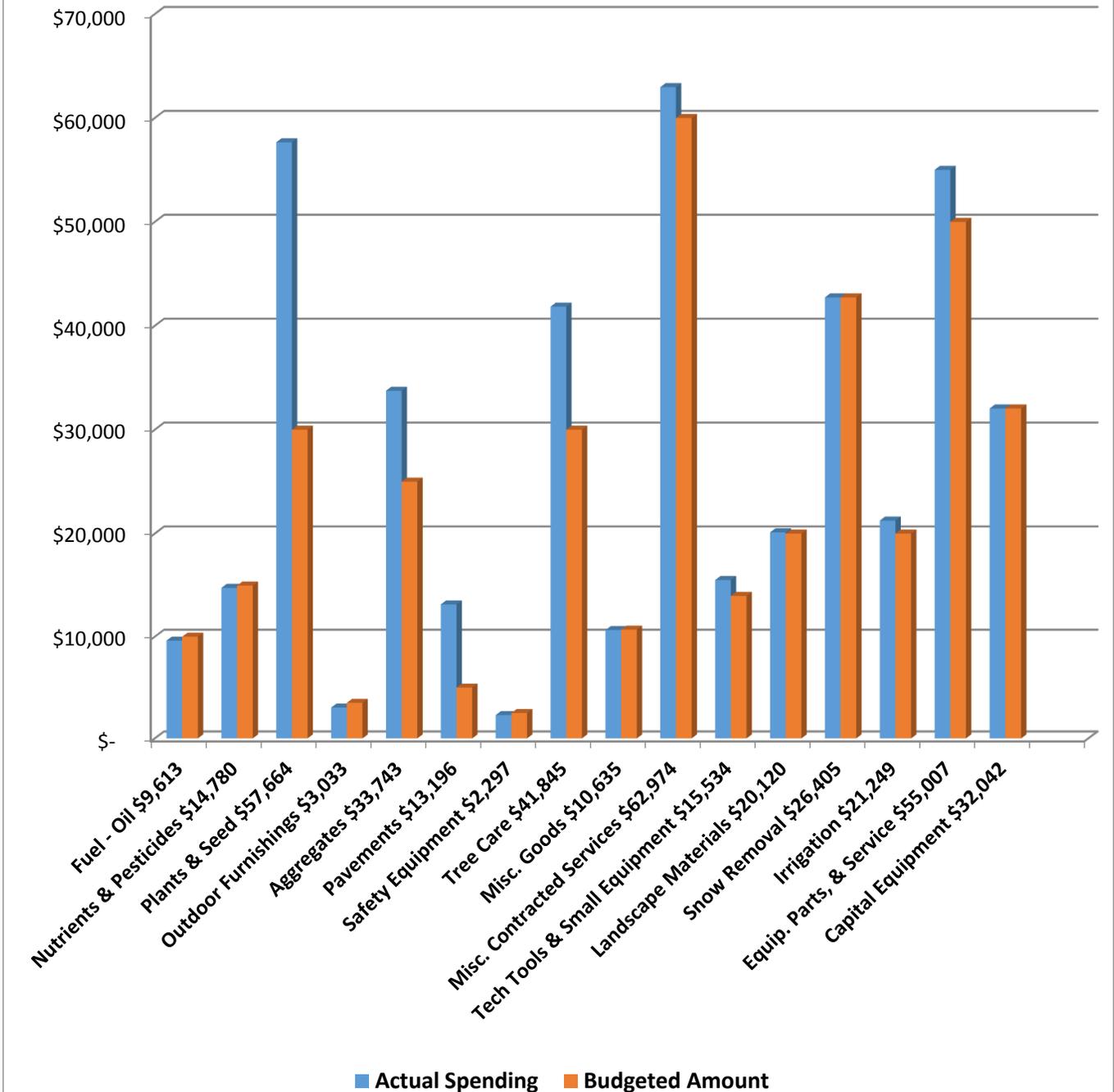
Snow Removal Costs \$ 42,731

Other Reimbursements: \$261,132

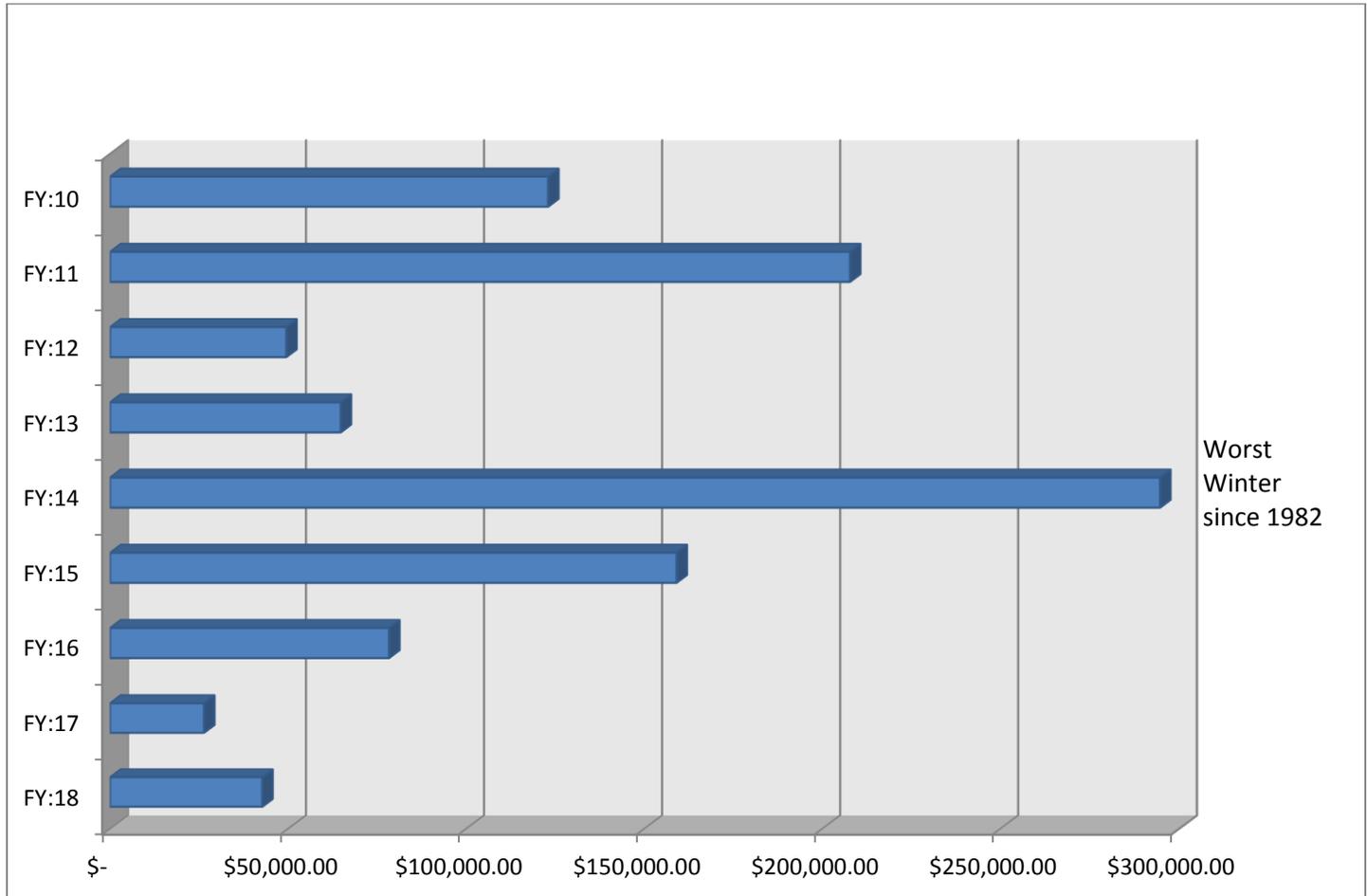
Total Reimbursements: \$335,905

Supplementary Spending: \$ 65,990

Grounds Maintenance Budget 2018



SNOW REMOVAL COSTS



Winter Weather Events since 2018				
Fiscal Year	Days with Freezing Rain	Days with Light Snow	Days with Snow	Days with Heavy Snow
2018	5	25	5	0
2019				
2020				
2021				
2022				
2023				
2024				
2025				
2026				

11. Facilities Management Budget Summary

**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
FINAL BUDGET SUMMARY - FACIL 0565**

INDIANA STATE UNIVERSITY

ACCTS	DESCRIPTION	APPROPRIATION	ENCUMBRANCE (END OF YEAR)	EXPENSE	BALANCE
60050	SALARY - ADMINISTRATIVE	\$ 890,798.41	\$ -	\$ 890,798.41	\$ -
64050	SALARY - CLER & SVC STAFF	\$ 3,505,407.15	\$ -	\$ 3,505,407.15	\$ -
64150	SAL-ASAP STUDENTS	\$ 40,871.40	\$ -	\$ 40,871.40	\$ -
64200	SALARY - OVERTIME	\$ 232,332.52	\$ -	\$ 232,332.52	\$ -
65000	TOTAL STUDENT WAGES	\$ -	\$ -	\$ -	\$ -
65050	WAGES - STUDENT REG	\$ 74,558.42	\$ -	\$ 74,558.42	\$ -
65300	WAGES - TEMP NON-STUDENT	\$ 30,456.77	\$ -	\$ 30,456.77	\$ -
66000	TOTAL OTHER PERS SVCS	\$ -	\$ -	\$ -	\$ -
66060	EMP-CELL PHONE BILL	\$ 3,240.00	\$ -	\$ 3,240.00	\$ -
TOTAL	SALARIES AND WAGES	\$ 4,777,664.67	\$ -	\$ 4,777,664.67	\$ -
70250	CONSULTANTS	\$ -	\$ -	\$ -	\$ -
70255	PROFESSIONAL SERVICES	\$ -	\$ -	\$ -	\$ -
70380	TRASH REMOVAL	\$ 850.40	\$ -	\$ 850.40	\$ -
70450	OTHER PERSONAL SVCS	\$ 11,632.28	\$ -	\$ 11,632.28	\$ -
70500	TOTAL TRAVEL	\$ -	\$ -	\$ -	\$ -
70550	LODGING, PER DIEM	\$ 196.36	\$ -	\$ 196.36	\$ -
70579	WEBCASTS/TELECONF	\$ -	\$ -	\$ -	\$ -
70580	REGISTRATION	\$ -	\$ -	\$ -	\$ -
70650	OTHER TRANSPORTATION	\$ 10.00	\$ -	\$ 10.00	\$ -
70675	OPERATIONAL - LODGING; PER DIEM	\$ 3,634.82	\$ 173.08	\$ 3,461.74	\$ -
70685	OPERATIONAL- TRANSPORTATION	\$ 584.67	\$ -	\$ 584.67	\$ -
71050	POSTAGE	\$ 1,491.20	\$ -	\$ 1,491.20	\$ -
71075	POSTAGE RESIDUAL	\$ -	\$ -	\$ -	\$ -
71525	TELEPHONE COSTS GENERAL	\$ 770.00	\$ -	\$ 770.00	\$ -
71700	BUSINESS LINES	\$ 48,532.99	\$ -	\$ 48,532.99	\$ -
71710	CELLULAR PHONES	\$ -	\$ -	\$ -	\$ -
71715	PAGER	\$ 3,515.50	\$ -	\$ 3,515.50	\$ -
72025	PRINTING, INTERNAL	\$ 7,417.53	\$ -	\$ 7,417.53	\$ -
72050	PRINTING, OUTSIDE	\$ 1,758.49	\$ -	\$ 1,758.49	\$ -
72500	TOTAL OTHER SERVICES	\$ -	\$ -	\$ -	\$ -
72600	MEMBERSHIPS	\$ -	\$ -	\$ -	\$ -
72675	RADIOLOGY AND LAB FEES	\$ -	\$ -	\$ -	\$ -
72700	OTHER EXPENSE	\$ 27,364.33	\$ -	\$ 27,364.33	\$ -
72800	TOTAL MISC SER	\$ -	\$ -	\$ -	\$ -
73000	TOTAL SUPPLIES	\$ -	\$ -	\$ -	\$ -
73025	OFFICE SUPPLIES	\$ -	\$ -	\$ -	\$ -
73050	EDUCATION AND OFFICE SUPPLIES	\$ 13,066.04	\$ -	\$ 13,066.04	\$ -
73150	COMPUTER EQUIP UPGRADES	\$ -	\$ -	\$ -	\$ -
73175	EQUIPMENT-NON CAPITAL	\$ -	\$ -	\$ -	\$ -
73200	COMPUTER SOFTWARE	\$ -	\$ -	\$ -	\$ -
73350	MOTOR VEHICLE GENERAL (0573)	\$ 2,550.00	\$ -	\$ 2,550.00	\$ -
73375	GASOLINE AND OIL (0573)	\$ -	\$ -	\$ -	\$ -
73610	NONCAPITAL EQUIPMENT	\$ 4,514.48	\$ -	\$ 4,514.48	\$ -
73750	UNIFORMS	\$ 4,057.73	\$ -	\$ 4,057.73	\$ -
73804	BOOKS AND SUBSCRIPTIONS	\$ -	\$ -	\$ -	\$ -
73925	MISC SUPPLIES GENERAL(& 0569)	\$ -	\$ -	\$ -	\$ -
74120	DIESEL FUEL	\$ 399.30	\$ -	\$ 399.30	\$ -
74150	LIQUID PROPANE	\$ 5,067.05	\$ -	\$ 5,067.05	\$ -
TOTAL	PERSONAL & CONTRACTED SVCS	\$ 137,413.17	\$ 173.08	\$ 137,240.09	\$ -
77600	TOTAL REPAIRS AND MAINT	\$ -	\$ -	\$ -	\$ -
77660	MOTOR VEHICLE REPAIR	\$ -	\$ -	\$ -	\$ -
77740	MISC EQUIP REPAIR	\$ -	\$ -	\$ -	\$ -
77860	GENERAL MAINT OF CAMPUS	\$ -	\$ -	\$ -	\$ -
TOTAL	REPAIRS & MAINTENANCE	\$ -	\$ -	\$ -	\$ -
78010	GEN. BUILDING REPAIRS	\$ 3,498.50	\$ -	\$ 3,498.50	\$ -
78300	TOTAL CAPITAL EQUIPMENT	\$ -	\$ -	\$ -	\$ -
78360	OFFICE EQUIPMENT & FURNITURE	\$ 8,905.00	\$ -	\$ 8,905.00	\$ -
78520	COMPUTER EQUIPMENT-OTHER USES	\$ -	\$ -	\$ -	\$ -
78690	OTHER EQUIP	\$ -	\$ -	\$ -	\$ -
78716	VEHICLES AND MACHINERY	\$ 144,778.33	\$ -	\$ 144,778.33	\$ -
TOTAL	CAPITAL EQUIPMENT	\$ 153,683.33	\$ -	\$ 153,683.33	\$ -
TOTALS - ACCOUNT 0565:		\$ 5,068,761.17	\$ 173.08	\$ 5,068,588.09	\$ -

ORIGIN ACCOUNT CODE 0566 BREAKDOWN

ACCTS	DESCRIPTION	APPROPRIATION	ENCUMBRANCE (END OF YEAR)	EXPENSE	BALANCE
60040	ADMINISTRATIVE SALARY	\$ -	\$ -	\$ -	\$ -
64000	TOTAL BI-WEEKLY	\$ -	\$ -	\$ -	\$ -
64200	SAL-OVERTIME	\$ -	\$ -	\$ -	\$ -
TOTAL	SALARIES & WAGES	\$ -	\$ -	\$ -	\$ -
66100	PERF EMPLOYEE SHARE	\$ 114,863.65	\$ -	\$ 114,863.65	\$ -
67200	NEW LIFE	\$ 14,337.50	\$ -	\$ 14,337.50	\$ -
68000	UNEMPLOYMENT COMPENSATION	\$ 6,446.74	\$ -	\$ 6,446.74	\$ -
68200	MEDICAL INSURANCE	\$ 1,107,659.00	\$ -	\$ 1,107,659.00	\$ -
68550	TIAA, CREF	\$ 102,171.59	\$ -	\$ 102,171.59	\$ -
68800	PERF	\$ 428,817.24	\$ -	\$ 428,817.24	\$ -
69050	DISABILITY INS	\$ 14,961.76	\$ -	\$ 14,961.76	\$ -
69550	FICA TAX EMPLOYERS SHARE	\$ 281,017.92	\$ -	\$ 281,017.92	\$ -
69600	MEDICAID TAX-UNIV SHARE	\$ 66,042.34	\$ -	\$ 66,042.34	\$ -
TOTAL	EMPLOYEE BENEFITS	\$ 2,136,317.74	\$ -	\$ 2,136,317.74	\$ -
72700	OTHER EXPENSE	\$ 70,620.84	\$ -	\$ 70,620.84	\$ -
72820	NON-CONTRACTUAL SVCS	\$ 110,879.47	\$ -	\$ 110,879.47	\$ -
72890	MISCELLANEOUS SVCS	\$ 85,195.17	\$ -	\$ 85,195.17	\$ -
73200	COMPUTER SOFTWARE	\$ -	\$ -	\$ -	\$ -
74020	WATER	\$ 550,555.80	\$ -	\$ 550,555.80	\$ -
74030	ELECTRICITY	\$ 6,198,605.12	\$ -	\$ 6,198,605.12	\$ -
74050	GAS-MISC BLDGS	\$ 228,482.91	\$ -	\$ 228,482.91	\$ -
74070	SEWAGE	\$ 1,123,129.40	\$ -	\$ 1,123,129.40	\$ -
TOTAL	PERSONAL & CONTRACTED SVCS	\$ 8,367,468.71	\$ -	\$ 8,367,468.71	\$ -
74625	RENT FACILITIES REAL ESTATE	\$ -	\$ -	\$ -	\$ -
74775	CAR LEASE	\$ -	\$ -	\$ -	\$ -
74825	OTHER RENTAL	\$ 200,000.00	\$ -	\$ 200,000.00	\$ -
78010	GEN BUILDING REPAIRS	\$ 122,570.18	\$ -	\$ 122,570.18	\$ -
TOTAL	RENTALS INTEREST INS DEPRECIATION	\$ 322,570.18	\$ -	\$ 322,570.18	\$ -
TOTALS - ACCOUNT 0566:		\$ 10,826,356.63	\$ -	\$ 10,826,356.63	\$ -

**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
FINAL BUDGET SUMMARY - POPLT 0570**

INDIANA STATE UNIVERSITY

ORIGIN ACCOUNT CODE 0570 BREAKDOWN

ACCTS	DESCRIPTION	APPROPRIATION	ENCUMBRANCE (OPEN COMMITMENT)	EXPENSE (END OF YEAR)	BALANCE
60050	SALARY - ADMINISTRATIVE	\$ 121,399.68	\$ -	\$ 121,399.68	\$ -
64050	SALARY - CLER & SVC STAFF	\$ 227,010.40	\$ -	\$ 227,010.40	\$ -
64200	SALARY - OVERTIME	\$ 67,073.10	\$ -	\$ 67,073.10	\$ -
65400	NON STU TEMP	\$ -	\$ -	\$ -	\$ -
65600	WAGES-OVERTIME	\$ -	\$ -	\$ -	\$ -
66060	EMP-CELLULAR PHONE BENEFIT	\$ -	\$ -	\$ -	\$ -
TOTAL	SALARIES & WAGES	\$ 415,483.18	\$ -	\$ 415,483.18	\$ -
70550	LODGING; PER DIEM	\$ 396.26	\$ -	\$ 396.26	\$ -
70625	CAR RENTAL	\$ 117.34	\$ -	\$ 117.34	\$ -
70630	GASOLINE - CAR RENTAL	\$ 30.00	\$ -	\$ 30.00	\$ -
71700	BUSINESS LINES	\$ 4,964.52	\$ -	\$ 4,964.52	\$ -
72500	TOTAL OTHER SERVICES	\$ -	\$ -	\$ -	\$ -
72025	PRNTG, INTERNAL	\$ 396.76	\$ -	\$ 396.76	\$ -
72700	OTHER EXPENSES	\$ 2,294.10	\$ -	\$ 2,294.10	\$ -
72800	TOTAL MISCELLANEOUS SERVICES	\$ -	\$ -	\$ -	\$ -
72890	MISCELLANEOUS SERVICES	\$ 1,200.00	\$ -	\$ 1,200.00	\$ -
73300	TOTAL MOTOR VEHICLE SUPPLY	\$ -	\$ -	\$ -	\$ -
73350	MOTOR VEHICLE GEN	\$ -	\$ -	\$ -	\$ -
73750	UNIFORMS	\$ 3,945.48	\$ -	\$ 3,945.48	\$ -
73900	TOTAL MISCELLANEOUS SUP	\$ -	\$ -	\$ -	\$ -
73925	MISCELLANEOUS SUPPLIES - GENERAL	\$ 98,030.43	\$ -	\$ 98,030.43	\$ -
74120	DIESEL FUEL	\$ -	\$ -	\$ -	\$ -
TOTAL	PERSONAL & CONTRACTED SVCS	\$ 111,374.89	\$ -	\$ 111,374.89	\$ -
77600	TOTAL REPAIRS AND MAINTENANCE	\$ -	\$ -	\$ -	\$ -
78120	POWER PLT REP (STEAM)	\$ 65,539.50	\$ -	\$ 27,947.76	\$ 37,591.74
78130	TUNNEL REPAIR	\$ 9,925.00	\$ -	\$ 9,925.00	\$ -
78140	ELECTRICAL REPAIR	\$ 2,333.00	\$ -	\$ 1,143.00	\$ 1,190.00
TOTAL	REPAIRS & MAINTENANCE	\$ 77,797.50	\$ -	\$ 39,015.76	\$ 37,591.74
78300	TOTAL CAPITAL EQUIPMENT	\$ -	\$ -	\$ -	\$ -
TOTAL	CAPITAL EQUIPMENT	\$ -	\$ -	\$ -	\$ -
TOTALS - ACCOUNT 0570		\$ 604,655.57	\$ -	\$ 565,873.83	\$ 37,591.74

ORIGIN ACCOUNT CODE 0571 BREAKDOWN

ACCTS	DESCRIPTION	BUDGET ADJUSTMENT	ADJUSTED BUDGET	ACCOUNTED BUDGET	YEAR TO DATE
60040	ADMINISTRATIVE SALARIES	\$ (121,396.00)	\$ -	\$ -	\$ -
64000	TOTAL - BI-WEEKLY SALARIES	\$ (282,157.00)	\$ -	\$ -	\$ -
64200	SALARY - OVERTIME	\$ (89,164.00)	\$ -	\$ -	\$ -
66100	PERF EMPLOYEE SHARE	\$ (3,902.63)	\$ 8,802.37	\$ 8,802.37	\$ 8,802.37
TOTAL	SALARIES & WAGES	\$ (496,619.63)	\$ 8,802.37	\$ 8,802.37	\$ 8,802.37
67200	NEW LIFE	\$ 37.71	\$ 1,060.71	\$ 1,060.71	\$ 1,060.71
68000	UNEMPLOYMENT COMPENSATION	\$ (1,150.00)	\$ -	\$ -	
68200	MEDICAL INSURANCE	\$ (11,095.00)	\$ 74,699.00	\$ 74,699.00	\$ 74,699.00
68550	TIAA, CREF	\$ (2.96)	\$ 12,140.04	\$ 12,140.04	\$ 12,140.04
68800	PERF	\$ (3,464.19)	\$ 32,861.81	\$ 32,861.81	\$ 32,861.81
69050	DISABILITY INS	\$ (33.37)	\$ 939.63	\$ 939.63	\$ 939.63
69550	FICA TAX - EMPLOYERS SHARE	\$ (1,742.35)	\$ 24,587.65	\$ 24,587.65	\$ 24,587.65
69600	MEDICAID TAX - UNIV SHARE	\$ (406.65)	\$ 5,750.35	\$ 5,750.35	\$ 5,750.35
TOTAL	EMPLOYEE BENEFITS	\$ (17,856.81)	\$ 152,039.19	\$ 152,039.19	\$ 152,039.19
74000	TOTAL UTILITIES AND MISCELLANEOUS FUE	\$ -	\$ -	\$ -	\$ -
74020	WATER	\$ 4,490.10	\$ 4,490.10	\$ 4,490.10	\$ 4,490.10
74050	GAS MISC BLDGS	\$ (31,955.22)	\$ 193,044.78	\$ 193,044.78	\$ 193,044.78
74070	SEWAGE	\$ 397.30	\$ 397.30	\$ 397.30	\$ 397.30
74350	GAS - BOILER	\$ (74,647.45)	\$ 1,425,352.55	\$ 1,425,352.55	\$ 1,425,352.55
TOTAL	PERSONAL & CONTRACTED SVCS	\$ (101,715.27)	\$ 1,623,284.73	\$ 1,623,284.73	\$ 1,623,284.73
TOTALS - ACCOUNT 0571		\$ (616,191.71)	\$ 1,784,126.29	\$ 1,784,126.29	\$ 1,784,126.29

12. Utility Services and Central Heating Plant Division

FY 2017-2018 Natural Gas cost continue to lower. The total cost of natural gas for the July 1, 2017 to June 30, 2018 contract was \$1,589,980.66 down \$201,144.10 from last year. We have currently purchased our estimated natural gas through July 2023 with basis and transportation through December 2021 and natural gas only through June 2023 The university natural gas hedge purchase is:

Fiscal Year	Dekatherms Gas Purchased	Natural Gas Cost	Basis Cost	Total Gas Cost	Total Basis Cost	Total Management Fee	Total Gas Cost
2018 – 2019	370,000	\$ 3.3400	\$ 0.2400	\$ 1,235,800.00	\$ 88,800.00	\$ 11,100.00	\$ 1,324,600.00
2019 – 2020	370,000	\$ 3.0940	\$ 0.2300	\$ 1,144,780.00	\$ 85,100.00	\$ 11,100.00	\$ 1,240,980.00
2020 – 2021	370,000	\$ 3.0730	\$ 0.2300/\$ 0.1300	\$ 1,137,010.00	\$ 65,600.00	\$ 11,100.00	\$ 1,213,710.00
2021 – 2022	370,000	\$ 3.0730	\$0.1300	\$ 1,137,010.00	*\$ 22,750.00	\$ 11,100.00	\$ 1,170,860.00
2022 - 2023	370,000	\$ 3.0730	**-----	\$ 1,137,010.00	**-----	\$ 11,100.00	\$ 1,148,110.00
* Only June thru December Basis has been purchased.				** No basis has been purchased as of this time.			

This was the sixth year the Utility Services and Central Heating Plant Division has been attempting to hold the price we pay for natural gas on campus by having changed some of the buildings using natural gas from Rate 220, General Sales Service, to Rate 225, School Transportation Service, and one account to Rate 245, Large General Transportation Service. The Central Heating Plant remained at Rate 260, Large Volume Transportation Service. Cost of these accounts can be seen on page XII – 2.

In On June 27, 2017 we had a kickoff meeting for Phase II of the T-2 Utility Tunnel Renovation Project to begin. This project also is replacing the tunnel top for sections of tunnels T-15 and T-17. This project was completed and Tunnel T-06 was began. This project involved replacing the high-pressure condensate return line and expansion joints from Tunnel T-05 to the basement of the Cunningham Library, along with the expansion joints on the high-pressure steam line and the low-pressure condensate line. Also scheduled is the replacement of the 10" high-pressure steam expansion joint in Tunnel T-29.

Also the following took place:

TOURS

- Safety Management Class Tour – Mike Williamson November 2, 2017
- Safety Management Class Tour – Mike Williamson February 20, 2018
- Inventory Central Heating Plant – Jon Glick March 23, 2018

TRAINING & MEETINGS

- Hiring New Personnel - Leah Reynolds August 18,2017
- Natural Gas Roundtable, South Bend October 2,,2017
- EDF Energy Conference, Notre Dame University October 3, 2017
- Administrative In-Service Workshop – ISU November 9, 2017
- Confined Space Training – Scott Hendrix March 23, 2018
- Forklift Training – Scott Hendrix March 23, 2018
- Cornerstone Controls – August Behling March 28, 2018
- Payroll Training – Missy Hawthorne May 24, 2018

Goals and objectives for this next fiscal year include:

- Replace High Pressure Return piping and High Pressure Steam, High Pressure Condensate Return, and Low Pressure Condensate Return Expansion Joints in Tunnel T-06 from Library.
- Replace High Pressure Steam Expansion Joint in Tunnel T-29.
- Complete Utility Tunnel signage and valve identification.
- Replace Resins in both Condensate Polishers & Water Softeners.
- Continue to monitor the natural gas market and look for opportunities to purchase and maintain Rate 225, Rate 245, & Rate 260 gas prices to meet ISU energy budgets. EDF has continued as our Natural Gas marketer.

The Utility Services & Central Heating Plant Division is committed to providing reliable services that enhance the learning experience at Indiana State University for our students.

James H. Gregg, Jr.
Steam Plant Manager

**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
NATURAL GAS & TRANSPORTATION COST (RATE 225, 245, 260)**

INDIANA STATE UNIVERSITY

		FY 2017 - 2018 Avg. Temp. 53.78°F			FY 2016 - 2017 Avg. Temp. 56.87°F			Difference Temp. Diff. -3.09°F	
Building	Rate	Therms	Cost/Therm	Annual Cost	Therms	Cost/Therm	Annual Cost	Therms	Cost
Afr.-Amer Cultural Ctr.	Rate 225	3,169	\$ 0.74	\$ 2,348.85	2,520	\$ 0.90	\$ 2,276.05	649	\$ 72.80
Art Annex	Rate 225	8,326	\$ 0.66	\$ 5,533.37	9,461	\$ 0.81	\$ 7,676.65	(1,135)	\$ (2,143.28)
Athletic Annex West	Rate 225	13,067	\$ 0.68	\$ 8,880.23	10,388	\$ 0.83	\$ 8,573.94	2,679	\$ 306.29
Central Chilled Wtr. Plt.	Rate 225	2,240	\$ 0.85	\$ 1,913.41	865	\$ 1.35	\$ 1,169.06	1,375	\$ 744.35
Facilities Management	Rate 225	13,507	\$ 0.79	\$ 10,642.81	10,143	\$ 0.98	\$ 9,928.43	3,364	\$ 714.38
Food Court Commons	Rate 225	22,202	\$ 0.69	\$ 15,307.45	15,560	\$ 0.86	\$ 13,328.89	6,642	\$ 1,978.56
Grounds Maint. Building	Rate 225	25,033	\$ 0.64	\$ 15,920.82	28,142	\$ 0.71	\$ 20,070.29	(3,109)	\$ (4,149.47)
Landsbaum Center	Rate 225	26,775	\$ 0.69	\$ 18,475.58	27,271	\$ 0.60	\$ 16,248.03	(496)	\$ 2,227.55
Lincoln Quad	Rate 225	4,278	\$ 0.93	\$ 3,998.67	8,307	\$ 0.98	\$ 8,149.62	(4,029)	\$ (4,150.95)
Morge Building	Rate 225	4,722	\$ 0.73	\$ 3,428.50	5,882	\$ 0.83	\$ 4,888.11	(1,160)	\$ (1,459.61)
Recycling Institute	Rate 225	2,693	\$ 0.81	\$ 2,185.10	2,188	\$ 0.98	\$ 2,143.57	505	\$ 41.53
Satellite Chilled Wtr. Plt.	Rate 225	9,728	\$ 0.74	\$ 7,222.51	10,926	\$ 0.86	\$ 9,392.50	(1,198)	\$ (2,169.99)
Science Building	Rate 225	3,924	\$ 0.91	\$ 3,559.46	1,675	\$ 1.22	\$ 2,047.95	2,249	\$ 1,511.51
Stadium	Rate 225	16,747	\$ 0.69	\$ 11,570.98	14,373	\$ 0.82	\$ 11,810.15	2,374	\$ (239.17)
Stalker Hall	Rate 225	1,001	\$ 1.79	\$ 1,789.85	960	\$ 1.89	\$ 1,816.87	41	\$ (27.02)
Tirey Hall	Rate 225	1,939	\$ 0.78	\$ 1,521.57	1,925	\$ 0.85	\$ 1,629.66	14	\$ (108.09)
University Housing (N)	Rate 225	30,159	\$ 0.82	\$ 24,738.06	28,907	\$ 0.94	\$ 27,051.80	1,252	\$ (2,313.74)
Totals:	Rate 225	189,510	\$ 0.73	\$ 139,037.22	179,493	\$ 0.83	\$ 148,201.57	10,017	\$ (9,164.35)

Building	Rate	Therms	Cost/Therm	Annual Cost	Therms	Cost/Therm	Annual Cost	Therms	Cost
University Apartments (S)	Rate 245	65,404	\$ 0.91	\$ 59,337.42	88,119	\$ 0.73	\$ 64,188.20	(22,715)	\$ (4,850.78)

Building	Rate	Dkth	Cost/Dkth	Annual Cost	Dkth	Cost/Dkth	Annual Cost	Dkth	Cost
Central Heating Plant	Rate 260	366,108	\$ 4.37	\$ 1,598,980.66	341,565	\$ 5.27	\$ 1,800,124.77	24,543	\$ (201,144.11)

- (1) Rate 225 & 245 cost is per Therm.
- (2) Rate 260 cost is per Dekatherm

**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
UTILITY SERVICES & CENTRAL HEATING PLANT - POPLT
CENTRAL HEATING PLANT PRODUCTION SUMMARY**

INDIANA STATE UNIVERSITY

	2016 - 2017	2017 - 2018
STEAM & WATER PRODUCED		
Steam Produced (Lbs)	233,516,770	(1) 262,270,820
Makeup Water (Gallons)	3,833,800	(2) 3,563,800
FUELS USED		
Gas Used (MMBtu) (Boiler)	341,576	(3) 366,108
Oil Used (Gallons) (Boiler)	0	0
Oil Used (Gallons) (Generator)	202	362
EXPENSES		
Cost of Fuel	\$ 1,800,124.77	(4) \$ 1,598,980.66
Cost of Electricity	\$ 108,109.69	\$ 106,589.12
Cost of Water	\$ 4,767.03	\$ 4,490.10
Cost of Sewage	\$ 459.87	\$ 397.30
Labor	\$ 603,230.78	\$ 583,164.92
Supplies & Misc.	\$ 77,235.70	\$ 111,359.89
Repairs & Maintenance	\$ 12,847.45	\$ 11,068.00
Capital Outlay	\$ -	\$ -
TOTAL EXPENSES:	\$ 2,606,775.29	\$ 2,416,049.99
DIFFERENCE FROM PREVIOUS YEAR:		(5) \$ (190,725.30)
STEAM PRODUCTION COST		
Cost per 1,000 Lbs. Of Steam	\$ 11.16	\$ 9.21
Cost of Steam Per Square Foot	\$ 0.746	\$ 0.674
Square Feet Served	3,496,191	3,586,191
Steam in 1,000 Lbs. Per Square Foot	0.0668	0.0731
STEAM HISTORICAL COST		
Cost of Steam Per Square Foot (2015-2016)		\$ 0.777
Cost of Steam Per Square Foot (2014-2015)		\$ 0.810
Cost of Steam Per Square Foot (2013-2014)		\$ 1.270

(1) Steam production was 28,754,050 more than last year.

(2) Well water usage was down 270,000 gallons, making our steam production more efficient.

(3) Gas usage was up due to the year being cooler by an average of -3.09°F per day.

(4) Gas cost was down \$201,144.11 this year over last due to lower gas cost. The cost of gas & delivery fees dropped from \$5.27/Dth. to \$4.37/Dth. even with increased usage.

(5) The total cost of Central Heating Plant Production was \$190,725.30 less than last year.

**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
BOILER / GENERATOR FUEL CONSUMPTION & COST**

INDIANA STATE UNIVERSITY

INTERRUPTIBLE GAS SERVICE

MONTH	PIPELINE GAS PURCHASED			LDC THROUGHPUT CHARGES			GAS COST TOTAL GAS COST
	VOLUME (MMBtu)	GAS COST	PIPELINE GAS COST/MMBtu	VOLUME (MMBtu)	LDC (1) CHARGES	LDC DELIVERY COST/MMBtu	
July	19,435	\$ 73,132.66	\$ 3.76	19,396	\$ 11,073.90	\$ 0.57	\$ 84,206.56
August	20,443	\$ 76,508.12	\$ 3.74	20,382	\$ 11,687.17	\$ 0.57	\$ 88,195.29
September	21,240	\$ 80,986.32	\$ 3.81	21,176	\$ 12,055.07	\$ 0.57	\$ 93,041.39
October	27,834	\$ 107,797.73	\$ 3.87	27,756	\$ 15,272.69	\$ 0.55	\$ 123,070.42
November	36,325	\$ 139,623.11	\$ 3.84	36,216	\$ 18,532.09	\$ 0.51	\$ 158,155.20
December	46,879	\$ 179,432.53	\$ 3.83	46,738	\$ 22,187.87	\$ 0.47	\$ 201,620.40
January	47,933	\$ 190,482.83	\$ 3.97	47,778	\$ 22,695.13	\$ 0.48	\$ 213,177.96
February	33,533	\$ 138,224.79	\$ 4.12	33,430	\$ 17,877.36	\$ 0.53	\$ 156,102.15
March	36,276	\$ 136,704.01	\$ 3.77	36,203	\$ 18,817.26	\$ 0.52	\$ 155,521.27
April	33,287	\$ 122,982.83	\$ 3.69	33,209	\$ 17,732.72	\$ 0.53	\$ 140,715.55
May	23,402	\$ 87,798.26	\$ 3.75	23,355	\$ 13,284.09	\$ 0.57	\$ 101,082.35
June	19,521	\$ 73,308.68	\$ 3.76	19,401	\$ 10,783.46	\$ 0.56	\$ 84,092.14
2017 - 2018 TOTALS	366,108	\$ 1,406,981.87	\$ 3.84	365,040	\$ 191,998.81	\$ 0.53	\$ 1,598,980.68
2016 - 2017 TOTALS	341,565	\$ 1,622,095.06	\$ 4.75	340,542	\$ 178,029.00	\$ 0.52	\$ 1,800,124.77
% Change:							-12.58%

#2 FUEL OIL

MONTH	FUEL OIL PURCHASED		
	GALLONS PURCHASED	PRICE PER GALLON	TOTAL COST
July	0	\$ -	\$ -
August	0	\$ -	\$ -
September	0	\$ -	\$ -
October	0	\$ -	\$ -
November	0	\$ -	\$ -
December	0	\$ -	\$ -
January	0	\$ -	\$ -
February	0	\$ -	\$ -
March	0	\$ -	\$ -
April	0	\$ -	\$ -
May	0	\$ -	\$ -
June	0	\$ -	\$ -
2017 - 2018 TOTALS	0	\$ -	\$ -
2016 - 2017 TOTALS	0	\$ -	\$ -

TOTAL PLANT FUEL COST/MMBtu at BURNERTIP	
MMBtu INPUT	366,108
COST OF FUEL	\$ 1,598,980.68
COST/MMBtu	\$ 4.37

GENERATOR FUEL OIL	
Gallons of Fuel Oil from Storage to Day Tank	
GALLONS	362
COST/GALLON	\$ 0.81
TOTAL COST	\$ 293.22

BOILER BURNERTIP COST

MONTH	FUEL OIL			NATURAL GAS			TOTAL OIL & GAS COST
	VOLUME (MMBtu)	OIL (2) COST/MMBtu	TOTAL COST	VOLUME (MMBtu)	NATURAL GAS COST/MMBtu	TOTAL COST	
July	0	\$ -	\$ -	19,435	\$ 4.33	\$ 84,206.56	\$ 84,206.56
August	0	\$ -	\$ -	20,443	\$ 4.31	\$ 88,195.29	\$ 88,195.29
September	0	\$ -	\$ -	21,240	\$ 4.38	\$ 93,041.39	\$ 93,041.39
October	0	\$ -	\$ -	27,834	\$ 4.42	\$ 123,070.42	\$ 123,070.42
November	0	\$ -	\$ -	36,325	\$ 4.35	\$ 158,155.20	\$ 158,155.20
December	0	\$ -	\$ -	46,879	\$ 4.30	\$ 201,620.40	\$ 201,620.40
January	0	\$ -	\$ -	47,933	\$ 4.45	\$ 213,177.96	\$ 213,177.96
February	0	\$ -	\$ -	33,533	\$ 4.66	\$ 156,102.15	\$ 156,102.15
March	0	\$ -	\$ -	36,276	\$ 4.29	\$ 155,521.27	\$ 155,521.27
April	0	\$ -	\$ -	33,287	\$ 4.23	\$ 140,715.55	\$ 140,715.55
May	0	\$ -	\$ -	23,402	\$ 4.32	\$ 101,082.35	\$ 101,082.35
June	0	\$ -	\$ -	19,521	\$ 4.31	\$ 84,092.14	\$ 84,092.14
2017 - 2018 TOTALS	0	\$ -	\$ -	366,108	\$ 4.37	\$ 1,598,980.68	\$ 1,598,980.68
2016 - 2017 TOTALS	0	\$ -	\$ -	341,565	\$ 5.27	\$ 1,800,124.77	\$ 1,800,124.77

Fuel Oil Btu/Gal 138,696

(1) LDC charges reflect the throughput (city gate fee or transportation charge by the Local Distribution Co. based off gas volume) and Customer Service Charge. These charges were paid from the POPLT-UNAV 74050 account.

(2) Blended value of current fuel oil inventory is \$6.05/MMBtu. Last oil was received June 2003.

(3) No oil was purchased during FY2017-2018. Oil usage was limited to the Emergency Generator.

** The Central Heating Plant ended fiscal year 2017-2018 with 129,576 gallons stored oil as our backup fuel. This quantity will provide 6.97 days of fuel at an average days steam production of 75,000 lb./hr. Maximum storage capacity of 135,000 gallons.

**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
UTILITY SERVICES & CENTRAL HEATING PLANT
CAMPUS BUILDINGS SERVED & PLANT PRODUCTION SUMMARY**

INDIANA STATE UNIVERSITY

BUILDINGS SERVED BY CENTRAL HEATING PLANT					
Academic & Service Bldgs Heated			Auxiliary Bldgs Heated		
	Gross Square Feet	Assigned Square Feet		Gross Square Feet	Assigned Square Feet
Animal Facilities Bldg.	4,500	3,700	Condit House (Office of the President)	12,082	7,011
Arena/CHHP	383,846	239,963	Hulman Center	174,011	115,549
Richard D. Landini Center for Performing & Fine Arts	41,604	26,432	Hulman Memorial Student Union	98,303	66,112
Dreiser Hall	51,809	28,943	Student Recreation Center	109,450	80,000
Fairbanks Hall	17,760	13,292			
Federal Hall (Scott College of Business)	84,730	55,730	Total Auxiliary Bldgs Sq. Ft. Heated	393,846	268,672
Fine Arts Bldg	63,379	36,989			
Gillum Hall	48,830	31,814			
			Service Bldgs Heated		
Holmstedt Hall	99,324	50,898	Utility Services & Central Heating Plant	44,603	5,019
Library, Cunningham Memorial	172,356	134,172			
John W. Moore Welcome Center	22,847	13,226	Total Service Bldgs Sq. Ft. Heated	44,603	5,019
John T. Myers Technology Hall	110,000	74,500			
Normal Hall	65,393	42,435			
			Residence Halls		
Nursing, School Of	40,083	21,655	Blumberg Hall	87,732	61,968
Root Hall	94,620	64,250	Burford Hall	59,912	43,728
Science Bldg.	260,192	125,582	Cromwell Hall	87,378	61,608
Science North	6,535	3,997	Erickson Hall	78,690	46,885
Stalker Hall	46,972	28,616	Hines Hall	70,431	46,885
Career Center, Student Computing Center	12,930	8,284	Jones Hall	70,431	46,885
Sycamore Center For Wellness & Applied Medicine	54,476	33,892	Lincoln Quad - North	81,202	50,584
Technology (A)	51,962	36,403	Lincoln Quad - South	79,242	49,524
Theater Bldg	12,971	7,994	Mills Hall	87,610	61,590
Tilson / Pool	23,621	12,000	Pickerl Hall	59,823	40,676
University Hall (Bayh College of Education)	157,119	94,591	Reeve Hall	128,256	89,779
University Pavillion (Parsons Hall)	45,115	23,766	Rhodes Hall	86,760	60,888
University Pavillion (Rankin Hall)	37,337	22,147	Sandison Hall	64,707	44,422
University Pavillion (Tirey Hall)	95,257	52,078			
			Total Residence Halls Sq. Ft. Heated	1,042,174	705,422
Total Academic Bldgs Sq. Ft. Heated	2,105,568	1,287,349	TOTAL SQUARE FEET HEATED	3,586,191	2,266,462

CENTRAL HEATING PLANT PRODUCTION SUMMARY							
MONTHLY STEAM PRODUCTION							
Month	Total Steam Output Lb/Month	Average Steam Output LB/Hour	Average Steam Output LB/Day				
July	13,342,770	17,934	430,412				
August	13,490,890	18,133	435,190				
September	13,776,900	19,135	459,230				
October	18,386,160	24,713	593,102				
November	26,564,270	36,895	885,476				
December	34,387,610	46,220	1,109,278				
January	37,462,740	50,353	1,208,475				
February	26,718,630	39,760	954,237				
March	26,336,780	35,399	849,574				
April	24,288,520	33,734	809,617				
May	15,039,260	20,214	485,137				
June	12,476,290	17,328	415,876				
MONTHLY AVG:	21,855,902						
ANNUAL STEAM PRODUCTION							
YEAR	TOTAL STEAM OUTPUT LB	AVERAGE STEAM OUTPUT LB/DAY	AVERAGE STEAM OUTPUT LB/HR	TOTAL BTU INPUT MM/Btu	AVERAGE BTU/LB STEAM	TOTAL MAKEUP WATER GAL	TOTAL PERCENT MAKEUP
2017-2018	262,270,820	718,550	29,940	375,310	1,431	3,563,800	11%
2016-2017	233,516,770	639,772	26,657	341,565	1,463	3,883,800	14%
2015-2016	231,391,540	633,949	26,415	343,177	1,483	4,362,000	16%
2014-2015	248,462,650	680,720	28,363	357,206	1,438	4,721,000	16%
2013-2014	287,879,380	788,711	32,863	415,080	1,442	5,800,500	17%
2012-2013	322,327,120	883,088	36,795	387,279	1,202	5,013,000	13%
2011-2012	277,708,260	758,766	31,615	330,234	1,189	6,714,700	20%
2010-2011	314,746,460	862,319	35,930	376,142	1,196	6,343,800	17%
2009-2010	337,097,212	923,554	38,481	395,721	1,174	5,513,200	14%
2008-2009	309,513,170	847,981	35,333	383,931	1,240	5,755,900	16%
2007-2008	317,600,930	867,762	36,256	371,418	1,169	4,296,499	11%
2006-2007	318,058,300	871,393	36,308	368,093	1,157	3,098,401	8%
2005-2006	309,919,410	849,094	35,379	358,029	1,155	3,207,000	9%
2004-2005	330,846,890	906,430	37,768	392,480	1,186	3,946,800	10%

13. Master Plan

**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
HEATING, VENTILATION, & AIR CONDITIONING SYSTEMS**

INDIANA STATE UNIVERSITY

Building Name	Cooling Source	HVAC DESCRIPTION	AGE	REPLACE DATE (Approximate)	COST 2016 DOLLARS (Approximate)
African American Cultural Center	BC	Package Rooftop Units.	21	2021	\$ 200,000
8th St. Animal Facility	BC	Package Rooftop Units.	2	2035	\$ 100,000
Arena/CNHHS	BC	Multizone and Single Zone AHU's & H.&V. units/variable volume reheat and single zone AHU's.	1	2030 2030/2031	\$ 5 Million
Art Annex West	NC	Unit Heaters, Gas Forced Air. No Cooling.	44	2021	\$ 800,000
Athletic Annex West	NC	Gas Unit Heaters	6	2024	\$ 125,000
Bayh College of Education (University Hall)	BC or CCWP	VAV system	9	2028	\$ 5 Million
Career Center	CCWP	VAV Units & Radiation.	25	2023	\$ 450,000
Center for Multimedia Services (formerly University Club)	BC	Single Zone DX Split System.	8	2025	\$ 15,000
Richard G. Landini Center for Performing and Fine Arts	CCWP/ BC	VAV Reheat, Constant Volume & Radiation	19	2026	\$ 600,000
Central Chilled Water Plant	NC	Unit Heaters	3	2030	\$ 200,000.00
Central Heating Plant	BC	Single Zone, VAV AHU's and Unit Heaters. New Chiller 2009	15	2026	\$ 500,000
College of Nursing	CCWP	Dual Duct AHU.	46	2020	\$ 1.5 Million
Condit House	BC	DX Split System.	8	2030	\$ 70,000
Dreiser Hall	CCWP/ BC	Single & Multizone AHU's & perimeter fan coil units & radiation.	25	2022	\$ 1.6 Million
Erickson Hall	CCWP	Single Zone, Fan Coil Units, Radiation and VAV.	4	2043	\$ 2.5 Million
Facilities Management/ Purchasing	BC	Package Roof Top Units.	19	2018	\$ 250,000
Facilities Management Custodial/Recycling	BC	Package Roof Top Units.	19	2018	\$ 200,000
Facilities Management Grounds Maintenance	BC	Unit Heaters, Split System DX. (Direct Expansion)	7	2029	\$ 600,000
Fairbanks Hall	CCWP	Constant Volume Reheat System.	12	2030	\$ 600,000
Fine Arts Building	CCWP	Multizone & single zone AHU's, fan coils, unit ventilation radiation.	1	2038	\$ 250,000
Gillum Hall	CCWP	VAV AHU's & fan coil units.	24/11	2020	\$ 1.6 Million
Holmstedt Hall	CCWP	Multizone & dual duct AHU's.	13	2025	\$ 3.2 Million
Hospitality Home (Former Mullens House)	BC	DX Cooling with Heat Pumps	9	2028	\$ 15,000
Hulman Center	CCWP/ BC	Multizone & Single Zone AHU's.	44	2018	\$ 4.5 Million

**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
HEATING, VENTILATION, & AIR CONDITIONING SYSTEMS**

INDIANA STATE UNIVERSITY

Building Name	Cooling Source	HVAC DESCRIPTION	AGE	REPLACE DATE (Approximate)	COST 2016 DOLLARS (Approximate)
John T. Myers Technology Center	CCWP	Single Zone VAV, Heat Recovery, Radiation, Unit Heater.	19	2028	\$ 4.1 Million
John W. Moore Welcome Center	CCWP	VAV AHU's	6	2032	\$ 800,000
Landsbaum Medical Center	BC	2 package rooftop systems. Constant volume reheat	13	2023	\$ 1.2 Million
Library, Cunningham Memorial	CCWP	Dual Duct VAV. New Chiller for rare books in 04	24 /10	2024	\$ 4.8 Million
Memorial Stadium	BC	Single Zone AHU, DX system with Hot Water Heat.	11	2018	\$ 60,000
Memorial Stadium Dressing Room	BC	Single Zone AHU, DX system with Steam Heat.	7 8	2025	\$ 50,000
Morge Building	BC	Single Zone AHU, Boiler, Unit Heaters.	20	2015	\$ 120,000
Michael Simmons Student Activity Building	BC	DX cooling with Heat Pump	11	2025	\$ 15,000
Normal Hall	CCWP	VAV System	3	2040	\$ 2.3Million
Root Hall	CCWP	VAV & fan power boxes.	27	2023	\$ 2.7 Million
Satellite Chilled Water Plant	SCWP	Unit Heaters and 2500 ton Chiller	6	2033	N/A
Science Building	CCWP/ Partial BC	Dual Duct AHU's w/multizone controls. Heat Recovery System installed in 2001.	16	2020	\$ 8 Million
Science Building North (Animal Facility)	BC	Constant Volume Re-heat with chille water cooling.	16 A/C only	2020	\$ 50,000
Scott College of Business (Federal Hall)	BC	Single Zone VAV	5	2033	\$ TBA
Stalker Hall	CCWP	Multizone with Reheat.	13	2025	\$ 1.3 Million
Sycamore Wellness and Applied Medicine Building (former Stud. Serv.)	CCWP	VAV System	9	2030	\$ 1.6 Million
Technology (A)	CCWP	Single Zone AHU's & VAV.	38	2020	\$ 1.5 Million
Theater Building	BC	Single Zone AHU & Fan Coil Units. New Chiller installed in 05	52/13	2020	\$ 100,000
University Pavilion: Parsons Hall	CCWP	VAV, Fan powered boxes & Radiation.	25	2023	\$ 1.6 Million
Rankin Hall	CCWP	VAV, Fan powered boxes & Radiation.	25	2023	\$ 1.4 Million
Tirey Hall	CCWP	VAV, Fan powered boxes & Radiation.	28	2021	\$ 3.3 Million

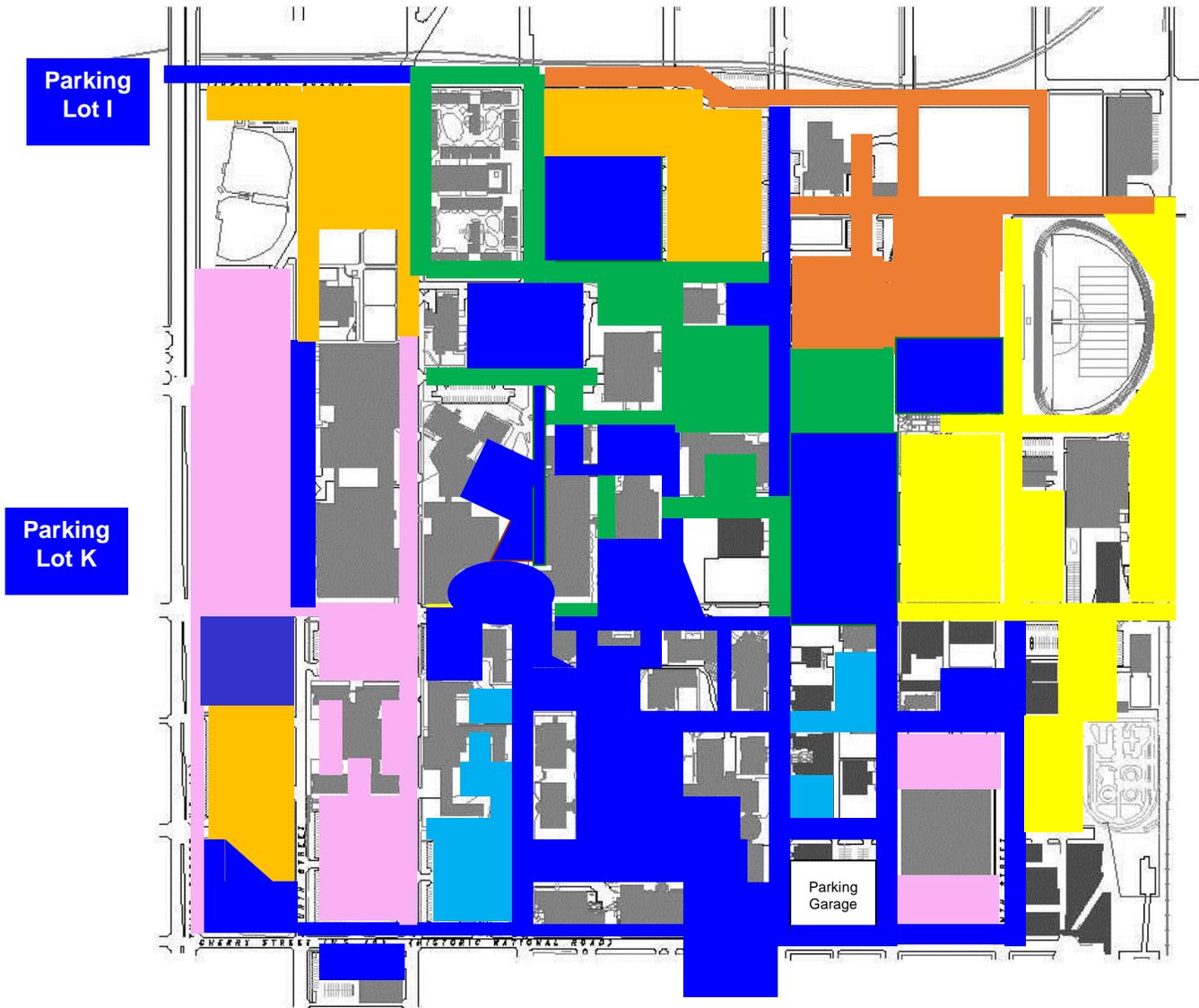
Cooling Source Legend:

BC: Has it's own cooling source (stand alone chiller, direct expansion unit, etc.). Not connected to the Central Chilled Water Plant.

CCWP: Connected to the Central/Satellite Chilled Water Plants.

NC: No cooling system currently available.

Building	System	When Installed	Status	Comments	Next Replace
Lincoln Quad	Simplex 4120	1990	OL	On hold indefinitely	Over Due
CHHS	Simplex 4100ES	2019	OL	On-line/Under Construction	2039
HMSU Commons	Simplex 4120	1998	OL	Voice System	Urgent
Hulman Center	Simplex 4120	1997	OL	Renovation Project Replace	Over Due
Landini Center for Performing Arts	Simplex 4120	1996	OL	Funded Summer 2019	2019
Theater Building	Simplex 4010	1999	OL	Funded Summer 2019	2019
Condit House	Simplex 4020	1992	OL	Non-Voice System	Over Due
Central Chiller Plant	Simplex 4120	1992	OL	Non-Voice System	Over Due
Center for Multi-Media Services	Simplex 4120	1992	OL	Non-Voice System	Over Due
College of Nursing	Simplex 4020	1993	OL	Non-Voice System	Over Due
John T Myers Technology Center	Simplex 4120	1997	OL	Non-Voice System	Over Due
Science and Science North	Simplex 4120	1997	OL	Non-Voice System	Over Due
Fine Arts	Simplex 4010	1998	OL	Non-Voice System	Over Due
Technology A Building	Simplex 4010	1998	OL	Non-Voice System	Over Due
Morge Building	Simplex 4020	1999	OL	Non-Voice System	Over Due
THCME N 8th Street Facility	Simplex 4020	1999	OL	Non-Voice System	Over Due
Campus FA Network	Simplex TSW	2011	OL	Fiber Network	2020
Art Annex	Simplex 4120	2001	OL	Voice System	2021
Central Heating Plant	Simplex 4120	2001	OL	Voice System	2021
Cunningham Memorial Library	Simplex 4120	2001	OL	Voice System	2021
Gillum / Dreiser Hall	Simplex 4100U	2003	OL	Voice System	2023
Landsbaum Medical Center	Simplex 4100U	2003	OL	Voice System	2023
Fairbanks Hall	Simplex 4100U	2004	OL	Voice System	2024
Holmstedt Hall	Simplex 4100U	2004	OL	Voice System	2024
Normal Hall	Simplex 4100U	2005	OL	Voice System	2025
Stalker Hall	Simplex 4100U	2005	OL	Voice System	2025
Burford Hall	Simplex 4100U	2006	OL	Voice System	2026
Michael Simmons Center	Simplex 4100U	2006	OL	Voice System	2026
Root Hall	Simplex 4100U	2006	OL	Voice System	2026
Facilities Management	Simplex 4100U	2007	OL	Voice System	2027
John W Moore Welcome Center	Simplex 4100U	2007	OL	Voice System	2027
Student Service Center	Simplex 4100U	2007	OL	Voice System	2027
Federal Hall Scott/College of Bus	Simplex 4100U	2008	OL	Voice System	2028
Hines Hall	Simplex 4100U	2009	OL	Voice System	2029
Student Recreation Center	Simplex 4100U	2009	OL	Voice System	2029
University Hall/Bayh College of Ed	Simplex 4100U	2009	OL	Voice System	2029
Jones Hall	Simplex 4100U	2010	OL	Voice System	2030
Sandison Hall	Simplex 4100U	2010	OL	Voice System	2030
Satellite Chilled Water Plant	Simplex 4100U	2010	OL	Voice System	2030
Pickerl Hall	Simplex 4100U	2011	OL	Voice System	2031
Erickson Hall	Simplex 4100ES	2013	OL	Voice System	2033
Career Center	Simplex 4100ES	2013	OL	Voice System	2033
Reeve Hall East & West (two sys)	Simplex 4100ES	2014	OL	Voice System	2034
Mills Hall	Simplex 4100ES	2015	OL	Voice System	2035
African American Cultural Center	Simplex 4100ES	2016	OL	Voice System	2036
Blumberg Hall	Simplex 4100ES	2016	OL	Voice System	2036
Grounds Maintenance Building	Simplex 4100ES	2016	OL	Voice System	2036
Hulman Memorial Student Union	Simplex 4100ES	2016	OL	Voice System	2036
Parsons Hall	Simplex 4100ES	2016	OL	Voice System	2036
Rankin/Tirey/Tilson Halls	Simplex 4100ES	2016	OL	Voice System	2036
Cromwell Hall	Simplex 4100ES	2017	OL	Voice System	2037
University Apartments 3&4	Simplex 4100ES	2017	OL	Voice System	2037
Rhoads Hall	Simplex 4100ES	2018	OL	Voice System	2038
University Apartments 1&2	Simplex 4100ES	2018	OL	Voice System	2038



**Complete Through
July 2018**

**Include in Renovation /
Construction Project**

Proposed for 2018-19

Estimated Cost \$250,000

Proposed for 2019-20

Estimated Cost \$500,000

Proposed for 2020-21

Estimated Cost \$400,000

Proposed for 2021-22

Estimated Cost \$250,000

Proposed for 2022-23

Estimated Cost \$350,000

EXISTING LOAD
Campus Buildings Served by the Central Chilled Water System

BUILDING	LOAD (TONS)
Human Center	250
College of Nursing Building	113
Parsons Hall, Rankin Hall, Trey Hall	205
John T. Myers Technology Center	282
College of Technology	101
Fine Arts Building	160
Normal Hall	120
Stalker Hall	160
Center for Performing and Fine Arts (CPFA)	86
Student Career Center	63
Moore Welcome Center	50
Ericsson Hall	200
Dresser Hall	134
Gillum Hall	105
Science Building North (North Branch)	1,227
Science Building South (South Branch)	273
Hines Hall & Jones Hall	400
Holmsted Hall	202
Root Hall	144
Lincoln Memorial Library	86
Science Building	100
Sycamore Dining / Center Core	200
Mills Hall	200
Blumberg Hall	200
Sandison Hall	130
Bayn College of Education	550
Burford Hall	120
Reeve Hall	170
Scott College of Business	170
Fairbanks Hall	50
Lincoln Quadrangles	300
Cromwell Hall	200
Arena and CHHS Building - North	705
Total Existing Load	7,725
Buildings with Stand-Alone Chiller Capacity	800
Total Load Less Buildings with Chillers	6,925

FUTURE LOAD
Future Campus Buildings to be Served by the Central Chilled Water Plant

BUILDING	LOAD (TONS)
Rhoads Hall	200
Sycamore Dining / Center Core	100
Arena and CHHS Building - South	145
Picker Hall	160
Hulman Memorial Student Union (HMSU)	150
Future Load	765
Buildings with Stand-Alone Chiller Capacity	465
Total Future Load	8,480
Total Building Stand-Alone Chiller Capacity	1,255
Total Future Load Less Buildings with Chillers	7,225

* BUILDING CURRENTLY HAS BOTH AN OPERATIVE CHILLER AND IS CONNECTED TO CENTRAL CHILLED WATER PLANT

① HULMAN CENTER LOAD ON DESIGN DAY WITH MINIMAL OCCUPANCY. FUTURE LOAD WITH CONVENTION CENTER - 1,100 TONS.

② THIS LOAD INCLUDES AN 80,000 SF (3) STORY CLASSROOM ADDITION AND A 20,000 SF ADDITION TO THE GYMNASIUM.

③ BUILDING CURRENTLY HAS OPERATIVE CHILLER.

④ 800 (TONS) + 455 (TONS) = 1,255 TONS

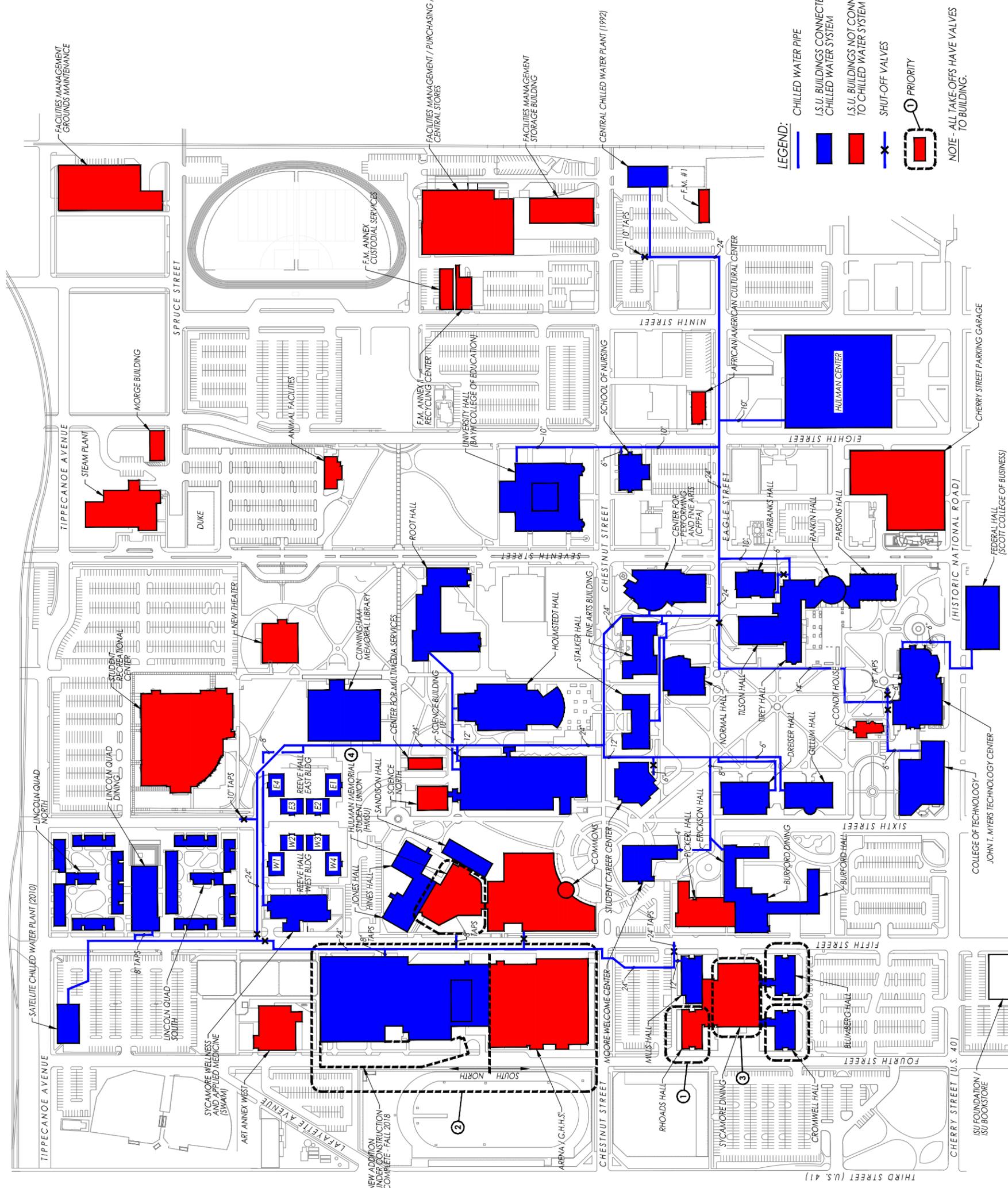
⑤ BUILDING NOT PIPED TO CENTRAL PLANT

⑥ TOTAL FUTURE LOAD INCLUDING THE HULMAN/CONVENTION CENTER WILL BE 7,330 TONS.

CAPACITY

BUILDING	TONS	Capacity (TONS)
Central Plant		
Chiller 1	1,200	
Chiller 2	1,200	
Chiller 3	1,200	
Chiller 4	1,200	
Plant Total		4,800
Satellite Plant		
Chiller 5	2,500	
Chiller 6	2,500	
Plant Total		5,000
Total Capacity		9,800

COOLING DESIGN DAY BASED ON ASHRAE - 92 degrees / 76.4 Relative Humidity



AUGUST 2018 LOAD
Campus Buildings Served by the Central Chilled Water System

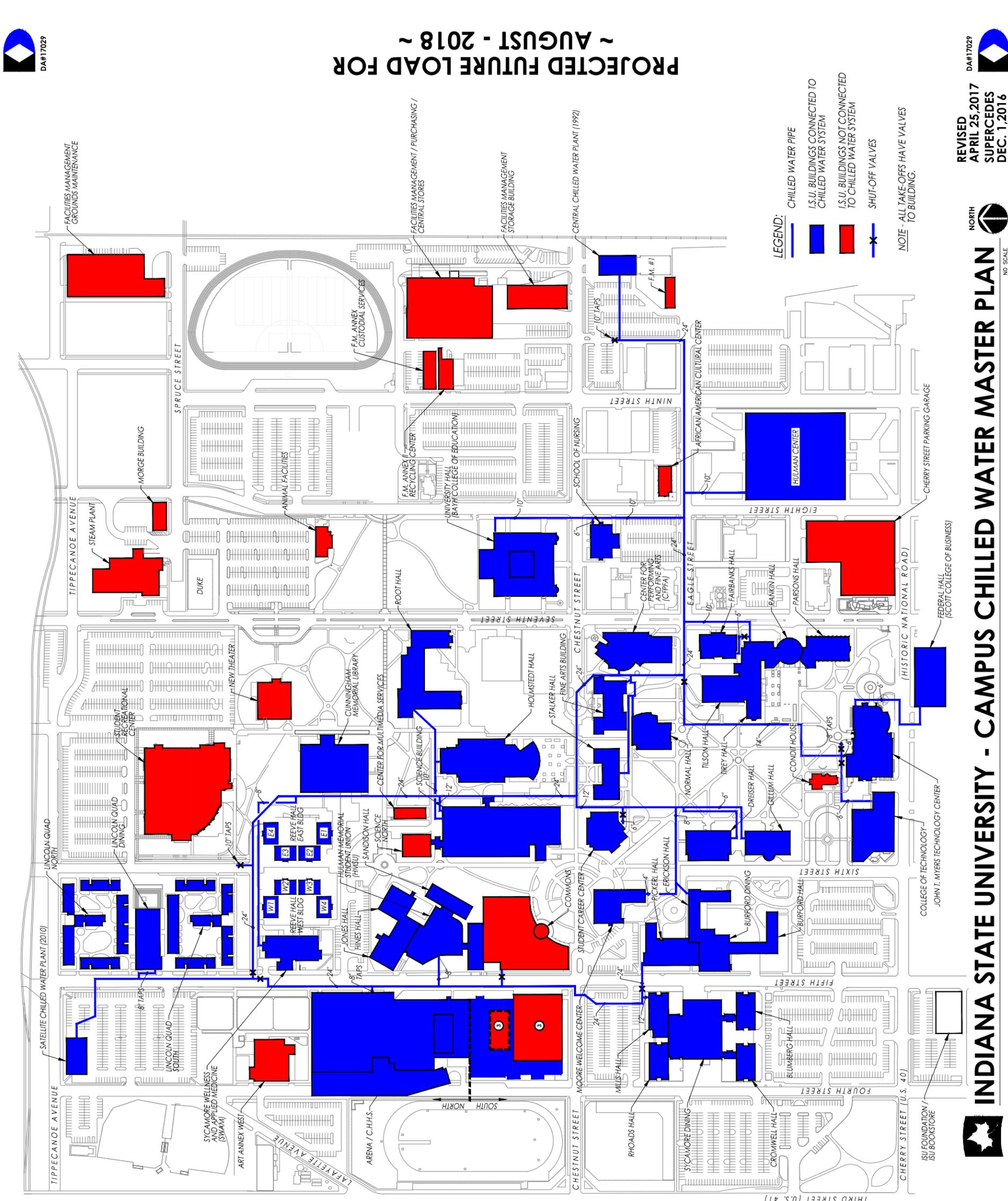
BUILDING	LOAD (TONS)	Buildings w/ Stand Alone Chillers
Human Center	260	
College of Nursing Building	113	
Parsons Hall, Rankin Hall, Tiley Hall	205	
John T. Myers Technology Center	282	
College of Technology	101	
Fine Arts Building	160	
Spiker Hall	10	
Center for Performing and Fine Arts	166	
Student Center Center	63	
Moore Welcome Center	20	
Erickson Hall	50	
Dresler Hall	134	
Glum Hall	105	
Science Building North (North Branch)	177	
Science Building South (South Branch)	273	
Hines Hall & Jones Hall	400	
Hornstead Hall	202	
Root Hall	144	
Cunningham Memorial Library	438	
SWAM Building	109	
Mills Hall	200	
Ray College of Education	130	
Burns College of Education	650	
Burdick Hall	120	
Reeve Hall	170	
Scott College of Business	80	
Fairbanks Hall	300	
Lincoln Quadrangles	200	
Blumberg Hall	200	
Rhoads Hall	200	
Sycamore Dining / Center Core	100	
Arena and CHHS Building - North	705	
Arena and CHHS Building - South	170	
Pickler Hall	160	
Human Memorial Student Union (HMSU)	150	
Total Load	8505	
Buildings with Chiller Capacity		
Total Load Less Buildings with Chillers		1255
Total Load	8505	7250

- * BUILDING HAS BOTH AN OPERATIVE CHILLER AND IS CONNECTED TO CENTRAL CHILLED WATER PLANT
- ① HUMAN CENTER LOAD ON DESIGN DAY WITH MINIMAL OCCUPANCY. ASSUMES LINCOLN QUADRANGLES ADDED TO CHILLED WATER PLANT.
- ② THIS LOAD INCLUDES AN 80,000 SF (3) STORY CLASSROOM ADDITION AND A 20,000 SF ADDITION TO THE GYMNASIUM.
- ③ SOUTH GYMNASIUM AND EAST ENTRANCE FOR SOUTH GYM SERVED BY DEDICATED 145 TON ROOFTOP CHILLER AND NOT CONNECTED TO CHILLED WATER PLANT. BASEMENT INDICATED BY DASHED LINE ALSO SERVED BY THIS DEDICATED 145 TON CHILLER.

CAPACITY

BUILDING	TONS	Capacity (TONS)
Central Plant		
Chiller 1	1,200	
Chiller 2	1,200	
Chiller 3	1,200	
Chiller 4	1,200	
Plant Total		4,800
Satellite Plant		
Chiller 5	2500	
Total Existing Capacity		7,300
Future Capacity		
Chiller 6 (2016)	2500	
Total Future Capacity		9,800

COOLING DESIGN DAY BASED ON ASHRAE - 82 degrees / 76.4 Relative Humidity



PROJECTED FUTURE LOAD FOR ~ AUGUST - 2018 ~

REVISED
APRIL 25, 2017
SUPERCEDES
DEC. 1, 2016



INDIANA STATE UNIVERSITY - CAMPUS CHILLED WATER MASTER PLAN



NO SCALE

14. Housing Facilities

We are responsible and committed to the management of maintenance, custodial, special events and projects operations for over 1,300,000 square feet of 24-hour Residential Halls, Dining, and meeting areas in 20 residential and dining buildings. These include over 4,000 student beds in UA South, 500 Wabash, Mills, Blumberg, Cromwell, Rhoads, Burford, Pickerl, Erickson, Hines, Jones, Sandison, Reeve, Lincoln Quad, and UA North. In addition, Lincoln and Sycamore Dining, 9 restaurants, and retail spaces kept operational. This is accomplished with over 80 fulltime skilled and unskilled employees and numerous temporary workers at peak periods. We are committed to providing and maintaining safe quality residential facilities, services, and environment which enhances Indiana State University's mission of teaching, research, lifelong learning, public service, and commitment to inclusiveness, in support of our student, faculty, staff, visitors, and the entire community of Terre Haute.

Housing Facilities has received, responded to, and completed over 11,000 work orders in the past year. Our goal is to complete all work orders to APPA standard level 2. In addition to the work orders, we have completed several projects this past year, including:

MAINTENANCE

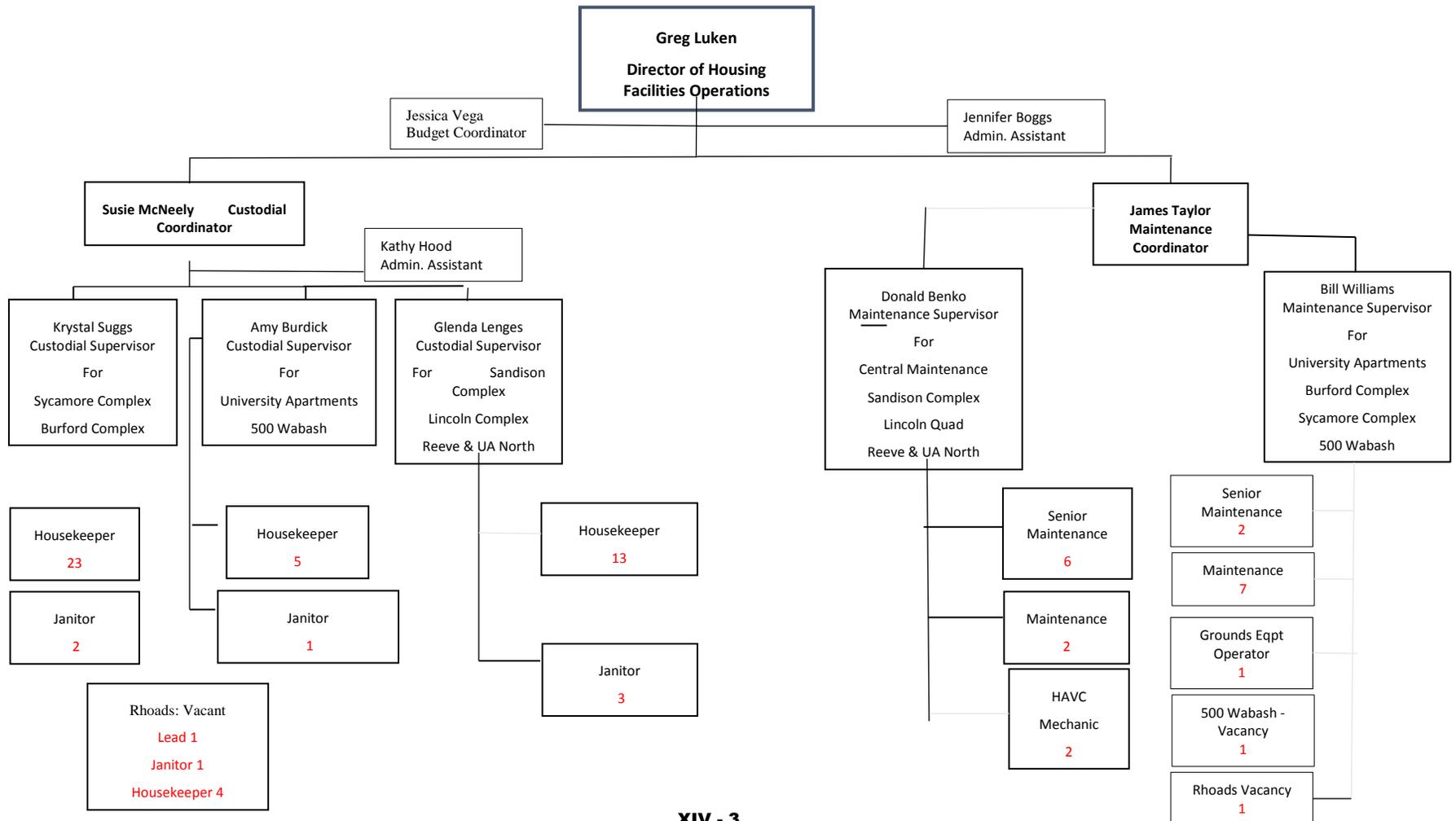
- 500 Wabash Maintenance/Custodial Office
- 500 Wabash restroom project
- Blumberg Lower Level cabinet project
- Honors new Office renovations
- Burford Office renovations
- Burford lighting upgrade to LED halls
- 2 Sandison Staff Apartment renovations
- Jones Staff Apartment renovations
- Hines Staff Apartment renovations
- Hines Gaming Room renovations
- Stairwell 19 renovations for Freshmen Lounge
- Stairwell 18 renovations for Fraternity
- Reeve G Pod Projector project
- Reeve E Pod Chapter Room upgrades
- Reeve A Pod Chapter Room upgrades
- ECEC exterior paint
- Reeve Mechanical Room ductless system replacement
- Burford IDF Room ductless system replacement
- HMSU Water Heater replacement
- Sycamore Dining Dish Room exhaust system replacement
- Sycamore Dining Dish Room kitchen chiller compressor replacement
- Cooler and Freezer replacements
- Catering Kitchen Freezer – complete refrigeration system
- Catering Kitchen Cooler – complete refrigeration system
- Catering Kitchen Auxiliary Cooler – complete refrigeration system
- Sodexo (HMSU) Basement Walk in Freezer – condensing unit replacement
- New Generation Kitchen Cooler – compressor replaced

- Taco Bell Cooler – complete refrigeration system
- Pizza Hut Freezer – complete refrigeration system
- Sycamore Dining #1 Freezer – complete refrigeration system

CUSTODIAL SERVICES

- Maintains 1,300,000 square feet of residential and meeting area to APPA standard level 2 including UA South, 500 Wabash, Mills, Blumberg, Cromwell, Rhoads, Burford, Pickerl, Erickson, Hines, Jones, Sandison, Reeve, Lincoln Quad, and UA North.
- Provide daily cleaning of living facilities, restrooms, lounges, and meeting areas.
- Handle residential emergency cleanups.
- Assist ground crew during all snow/ice events
- Assist special project needs, furniture placement and moving, demolition, cleanup, ceiling tile replacement, and light bulb replacement.
- Annually host camps and conferences that averages 27 per year.
- Maintains 60 active employee personnel files including 3 Custodial Supervisors, 7 Leads, 6 Janitors, Administrative Asst., and 42 Housekeeping staff, providing 1,326 individual time record verifications annually.
- Purchases equipment and cleaning supplies.
- Manages the storage, care and repairs of cleaning equipment and furniture.
- Manages all MSDS files of all products in use and/or previously used by the department.
- Inventories, unloads, and takes responsibility for deliveries.
- Host Indiana Special Olympics, offering extra hours of service with Housing Facilities Staff.
- Responsible for all Special Event set up and tear down.
- Housing Facilities staff hosted a variety of overnight guest this summer. Starting May 31st we had sixteen concurrent sessions of New Student Orientation with an additional 27 groups hosted from May 31 to July 25th.
- Hosted Indiana Special Olympics 49th Summer Games. 2,348 athletes, coaches, and volunteers in attendance.
- Summarizing, Housing Facilities Hosted 5,588 guests occupying 2,935 rooms.

Housing Facilities Operations



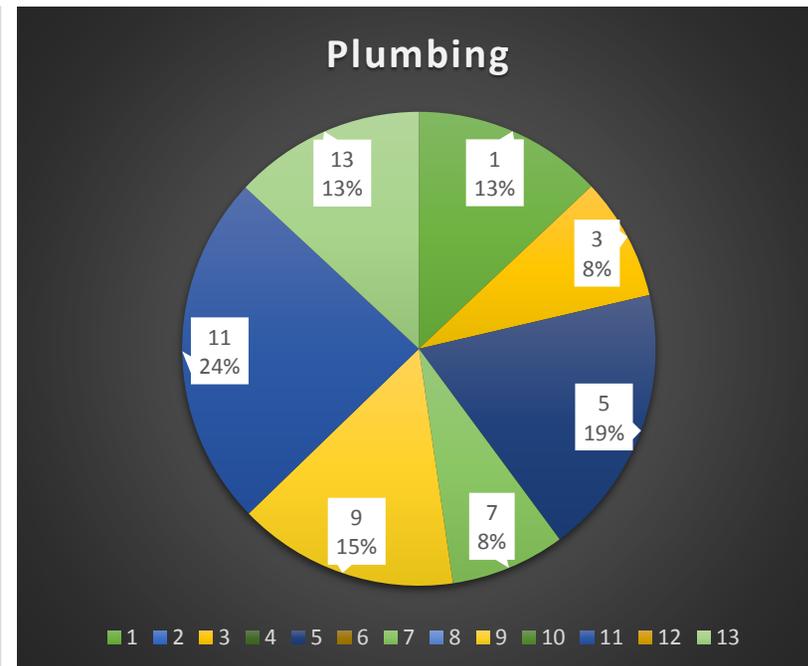
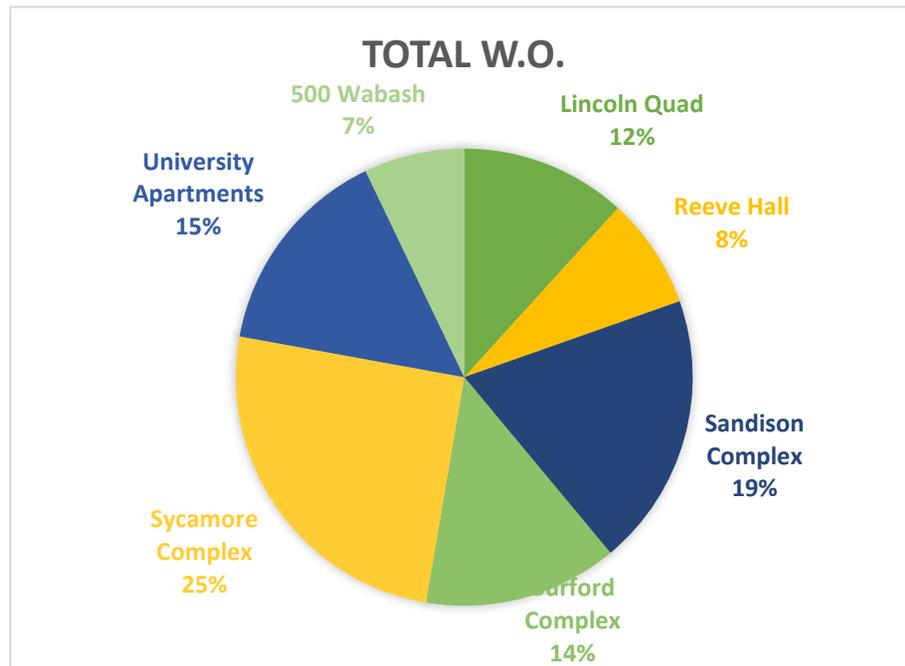
**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
HOUSING FACILITIES OPERATIONS EMPLOYEES (AS OF AUGUST 31, 2018)**

INDIANA STATE UNIVERSITY

DEPARTMENT NAME	START DATE	DEPARTMENT NAME	START DATE
HOUSING FACILITIES ADMIN.	3	CUSTODIAL SUPERVISOR	3
Luken, Greg - Director	11/17/14	Burdick, Amy	* 08/04/99
McNeely, Susan - Senior Custodial Supervisor	* 06/01/04	Lenges, Glenda	* 06/12/95
Taylor, James - Maintenance Coordinator	07/27/09	Norris, Krystal	* 09/13/04
OFFICE PERSONNEL	3		
Boggs, Jennifer - Administrative Assistant	* 03/12/07	CUSTODIAL II/JANITOR	5
Hood, Kathy - Administrative Assistant	* 12/01/07	Green, Lewis	10/09/17
Vega, Jessica - Budget Coordinator	08/17/15	Lenges, Doug	05/08/18
		Luken, Ethan	11/27/17
MAINTENANCE SUPERVISOR	2	Smith, Michael	10/16/17
Benko, Donald	04/27/15	Swank, Timothy	10/09/17
Williams, William (Bill)	* 08/23/95		
CENTRAL MAINTENANCE	5	CUSTODIAL II/LEADS	6
Bemis, Josh - Refrigeration	05/11/15	Blystone, Sara	* 07/02/99
Boatman, Richard (Doug) - Senior Mechanic	08/20/12	Compton, Tina	10/10/11
Coppell, Tim - Senior Mechanic	* 07/22/96	Denbo, Rebecca	* 10/11/04
Morris, Robert - Senior Mechanic	* 07/30/01	Pruiett, Jessica	10/06/14
Perry, Allen - Refrigeration	* 12/02/96	Russel, Joy	03/14/16
		Savant, Darlene	* 01/03/06
UNIVERSITY APARTMENTS MAINTENANCE	4		
Cuffle, Bobby	* 05/06/07		
Pruiett, James	10/10/11	CUSTODIAL I	32
Graves, William - Grounds	* 08/06/07	Bolinger, Rebecca	08/07/17
Gard, Brent	07/31/17	Boruff, David	07/31/17
		Boyce, Julie	09/27/17
		Cook, Kelly	* 11/12/07
		Copeland, Aldan	* 03/10/03
SYCAMORE COMPLEX MAINTENANCE	2	Cuffle, Barbara	* 04/15/02
Wagley, Chris, Senior Maintenance Mechanic	* 09/02/03	Cuffle, Lori	11/17/08
Kerr, Marty	12/18/17	Fagg, Amanda	* 05/19/08
1 Open		Gonzalez, Tracy	11/17/08
		Graves, Kathy	* 01/09/95
		Graves, Rachele	10/13/14
		Green, Georgia	* 09/05/95
LINCOLN QUAD MAINTENANCE	2	Hammond, Kathryn	10/28/13
Milton, James - Senior Maintenance Mechanic	* 07/01/94	Hayes, Laura	* 08/16/07
Atterson, Charles	* 10/25/04	Hedge, Virginia	08/02/17
		Higginbotham, Debbie	* 08/23/04
		Hines, Tracy	* 10/03/06
500 WABASH MAINTENANCE	1	Letts, Michael	09/22/17
Bridges, Blake	08/13/18	Logan, Christina	06/13/16
		Moore, Samantha	07/31/17
		Morrison, Penny	* 01/29/04
		Padgett, Dawn	09/14/15
BURFORD COMPLEX MAINT.	2	Reed, Janet	06/15/15
Bridgewater, Steve - Senior Mechanic	* 06/08/81	Sanders, Christine	07/11/16
Larowe, Ron	03/18/09	Scank, Joyce	* 10/22/07
		Schrader, Amy	10/16/17
		Scott, Theresa	* 04/05/04
SANDISON COMPLEX MAINT.	3	Shepard, Mollie	03/09/09
Compton, Carl - Senior Mechanic	* 09/25/95	Sons, Angela	07/25/16
Downs, William (Bill)	03/21/16	Stanley, Andrea	07/17/17
Watters, Rob	04/18/16	Stewart, Jessica	07/25/16
		Voils, Patricia	02/16/09
REEVE HALL MAINTENANCE	1		
John (Rudy) Solmon	07/13/15		
TOTAL NUMBER OF EMPLOYEES:	74		
* INDICATES 10 YEARS OR MORE OF SERVICE:	32		

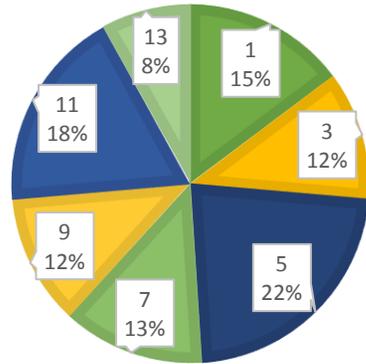
**FACILITIES MANAGEMENT DEPARTMENT
2017 - 2018 ANNUAL REPORT
HOUSING FACILITIES OPERATIONS WORK ORDER SUMMARY**

Building	Total WO	Plumbing	Electrical	Carpentry	Laundry	HVAC	Lock	Pest control	Damages	Fire Safety	Misc.	Comp
Lincoln Quad	1,117	237	145	95	40	94	101	52	149	94	110	99%
Reeve Hall	748	153	114	57	19	158	56	14	109	0	68	97%
Sandison Complex	1,840	338	222	163	246	140	288	18	71	4	350	99%
Burford Complex	1,306	143	126	69	284	97	184	29	109	14	251	99%
Sycamore Complex	2,395	275	116	273	100	147	429	160	232	0	663	99%
University Apartments	1,430	441	180	86	84	225	115	31	6	15	247	99%
500 Wabash	676	239	79	52	13	28	90	17	0	4	154	99%



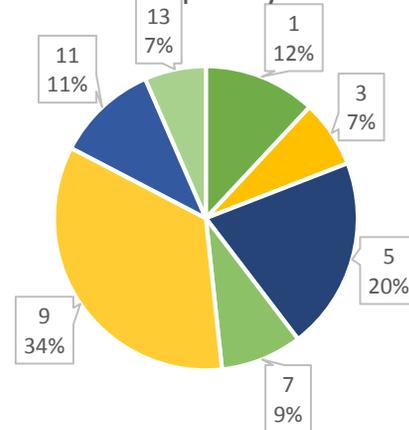
ELECTRICAL

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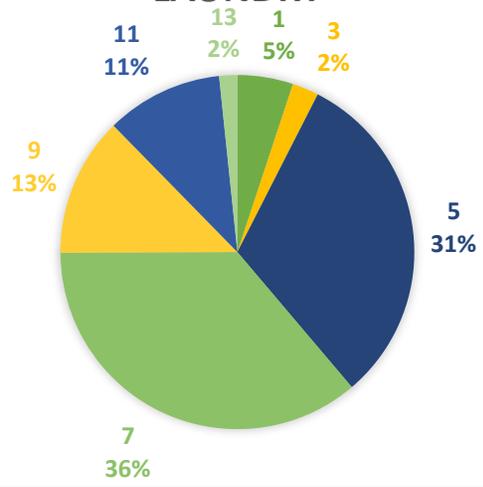


Carpentry

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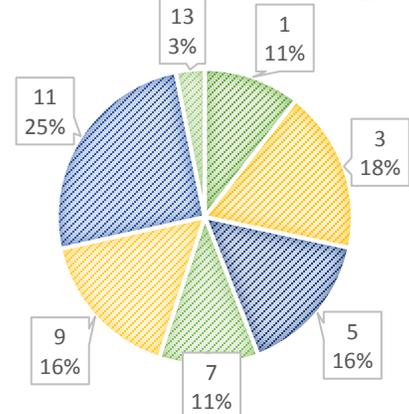


LAUNDRY

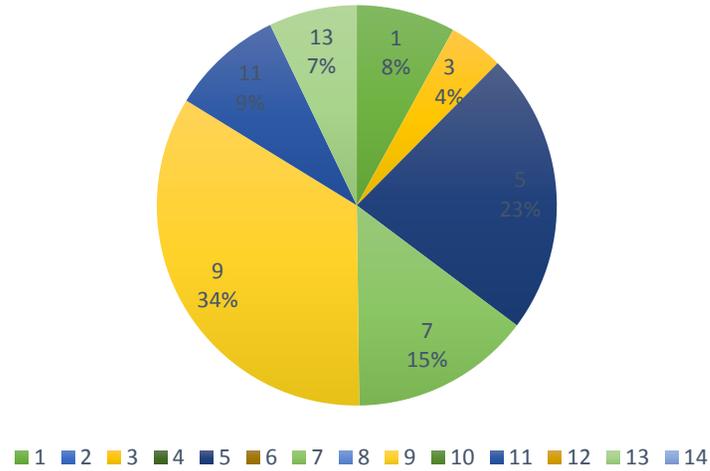


HVAC

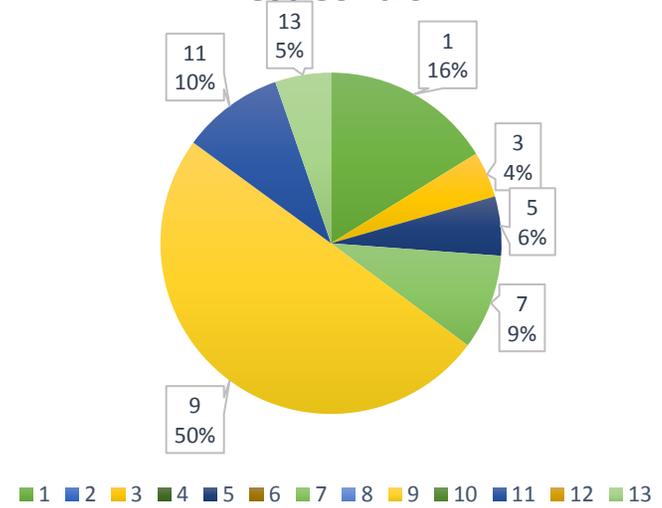
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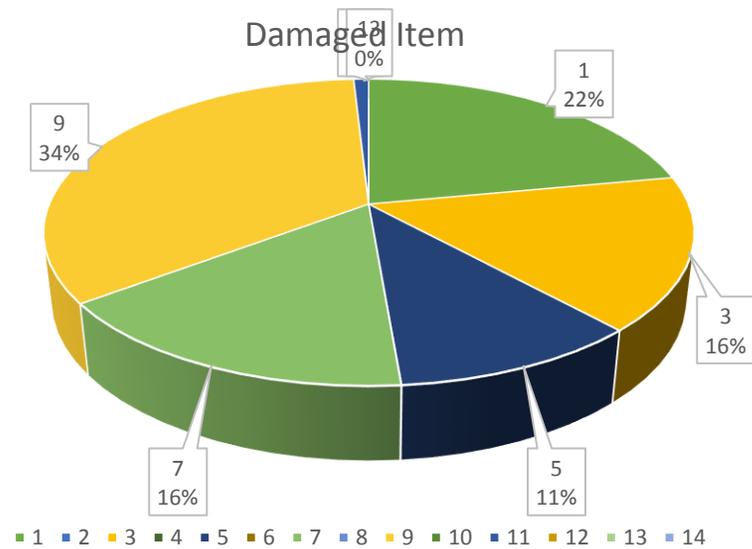
Locks



Pest Control



Damaged Item



Fire Safety

