

FY 2017 Capital Budget and Associated Five Year Spending

Developing a Rolling Five-Year Capital Plan

During FY 2017, campus financial and facilities leaders engaged in robust discussions regarding the development of a rolling five-year capital plan that would advance more strategic and longer-term consideration of campus facility needs.

The Provost's Capital Planning Group was charged with developing and executing strategies to meet major capital needs, including deferred maintenance needs, for individual units and the campus as a whole. Membership of this group includes several senior administrative leaders, deans, vice provosts and representatives of the Faculty Senate.

Principles of a capital planning philosophy were developed and now serve as the framework for prioritizing capital investments. These principles include:

- Investing in renewal and adaptation of existing space to meet programmatic needs while addressing the maintenance backlog;
- Repurposing existing space and limiting net new space to predominantly revenue-generating opportunities;
- Maintaining stewardship of the historic campus;
- Developing reasonable funding strategies that align with scope; and
- Utilizing third party partnerships, where beneficial and particularly with revenue generating opportunities.

Anticipating Needs, Forecasting Capital Investments

Capital planning is informed by maintenance backlog data and unit-based projections of activities and programmatic needs that will drive five- and ten-year facility needs. In some cases, such activities are rather routine (e.g., expecting an average level of investment in start-up renovations for new faculty, dining hall renovations, etc.). These routine activities are easily incorporated into a five-year plan. In other cases, especially for larger projects, more planning effort must be invested in developing appropriate scopes of work, budgets, and funding plans.

Campus leadership coalesced around several major projects that are now in early stages of development. For the Ithaca Campus, planning is now underway for the following projects to be completed or significantly advanced during the next five years (FY 2018-FY 2022):

- A complete rehabilitation of McGraw Hall;
- An undergraduate housing expansion and renewal of Balch Hall;
- A renovation and small addition to Comstock Hall to support growth of Biomedical Engineering;
- Renovations to meet imminent needs for Computing and Information Science;
- Several Contract College projects, with prioritization of projects now underway as state funding becomes available;
- Facility renewal associated with the Engineering Facilities Master Plan; and
- Possible East Hill Plaza Area Redevelopment.

Cornell Tech phase 2 planning will also move forward during the next five years, and Weill Cornell Medicine will advance a major renovation of Olin Hall, in New York City.

Possible new projects in the six- to ten-year forecast (FY 2023-FY 2027) for the Ithaca Campus include:

- Complete renewal of Rice, Sibley and Willard Straight Halls;
- The beginning of phased renovations to the Plant Science Building;
- Ongoing phased renovations to the Veterinary Research Tower; and
- Student housing renovations.

Cornell Tech phase 2 is anticipated to be under construction in the six- to ten-year time horizon.

Continuing Focus on Space Utilization

Projects on the planning horizon satisfy the principles of investing in renewal and adaptation of existing space to meet programmatic needs while addressing maintenance backlog and limiting net new space to predominantly revenue-generating opportunities. The Provost has oversight of the scope, scale, and possible space solutions for major projects in development and concerted effort will continue to be applied toward resolving new needs in existing space. This effort is informed in part by an office and classroom utilization study completed in 2016. Policies and practices related to class scheduling are under review in anticipation that such changes will further enhance efficiency of existing space. In addition, a technology project is underway to improve space inventory data and class/event scheduling that will lead to better informed facilities planning.

FY 2018 Capital Budget and Associated Five Year Spending

The university's capital budget, provided in Table 7, identifies capital activity that will begin in FY 2018 as well as the activity for those projects currently underway that will continue into FY 2018. The one-year FY 2018 capital budget for all campuses is \$300.3 million, with an additional \$247.9 million in spending associated with these projects expected during FY 2019 – FY 2022. Total planned expenditures for all campuses in the five-year FY 2018 – FY 2022 capital plan is \$548.2 million.

Further details are provided in Appendix I, including for each project the spending plan, sources of funding, and impact on the maintenance backlog. Table 8 identifies the fund sources and timing of use for each campus.

Capital Budget Highlights

The capital budget represents capital activity for all campuses for all projects greater than \$250 thousand.

Ithaca

Capital activity for the Ithaca Campus includes:

- Building renewal projects with total budgets greater than \$10 million that have been approved, are in design or construction, and are expected to be completed within the 5-year horizon, including projects with State University Construction Fund (SUCF) funding.
- Planned maintenance projects with total estimated costs below \$10 million. These are predominantly centrally-funded and SUCF-funded projects.
- Programmatically-driven space renewals that improve fit-to-function of facilities to meet new and emerging programmatic needs while also frequently addressing maintenance backlog, where feasible. These are funded through unit- and centrally-managed funds, with additional funding coming from sponsored/government programs and gifts.
- Administrative systems funded with central university funding.

The Ithaca Campus capital budget also includes funding for planning studies and other early-phase development work for several major projects in early development, including an anticipated full renewal of McGraw Hall, a renovation and small addition to Comstock Hall in support of Biomedical Engineering, and planning for possible future Earth Source Heat test wells. Later phases of these projects will be added to

the one-year capital budget and five-year plan as the scopes and budgets are confirmed.

A major initiative to build and renovate undergraduate housing and associated amenities is not included in the presented one-year budget, as too much uncertainty surrounded the details of scope, budget, and funding sources existing at the time of the capital budget compilation. Significant work on the undergraduate housing initiative is expected to begin in FY 2018.

On the Ithaca Campus, the primary capital funding sources are central and unit funds and SUCF appropriations, followed by sponsored/government program funds and gifts.

The total estimated spending for projects in the Ithaca Campus FY 2018 capital budget is anticipated to be \$624.2 million, of which \$238.2 million (38%) has been spent to date, \$215.5 million is anticipated spending for FY 2018, and \$170.5 million is anticipated spending between FY 2019 – FY 2022.

While the overall capital budget for the Ithaca Campus has been on a downward trend in recent years, expenditures for renewing space and facilities have increased as a percentage of the overall activity. This is evidenced by the SUCF-funded College of Veterinary Medicine Class Expansion project as well as the complete renovation of Upson and Rand Halls and Cornell Law School Phase II renovations. These significant facility renewals reduce maintenance backlogs while responding to the programmatic needs of the units. Many smaller projects funded by the units also address maintenance and space renewal while implementing programmatically important renovations.

The Ithaca Campus projects included in the FY 2018 Capital Budget will address a planned maintenance backlog of approximately \$233.0 million. Future capital plan strategy and projects will be prioritized in order to achieve continued reductions in Ithaca Campus planned maintenance backlog.

Cornell Tech

Activity on the new campus in FY 2018 includes final fit-out and occupancy of the Bloomberg Center, the Co-Location Building, and the residential building. Construction of the Executive Education Center will begin in FY 2018. The total project budget for the development of Cornell-owned facilities

on the Roosevelt Island campus is \$495.8 million, of which \$423.4 million (85%) has been spent to date.

Gifts and sponsored/government program funds are the major sources of funding for the development of Cornell Tech.

Weill Cornell Medicine

Capital activity for Weill Cornell Medicine includes:

- Two projects with budgets greater than \$10 million that address upgrades to student and educational space (Education and Student Center at 1300 York) and renewal (Lasdon House conversion for dry labs). The Education and Student Center is entirely gift funded, while the Lasdon House project is entirely funded through third-party organizations associated with clinical operations;
- Planned maintenance supported by college funding; and

- Other upgrades and renewal projects related to programmatic needs, including the expansion of practice for the hospital and the Physician’s Organization, funded through funds from external affiliated organizations and the college.

The total estimated spending for Weill Cornell Medicine projects in the FY 2018 capital budget is anticipated to be \$100.4 million, of which \$10.6 million (11%) has been spent to date, \$42.1 million (42%) is anticipated spending for FY 2018, and \$47.8 million (47%) is anticipated spending between FY 2019 – FY 2022. Third-party organizations affiliated with clinical operations are the most significant source for Weill Cornell Medicine capital projects, followed by unit funds and gifts.

**Figure 5: FY 2018 Capital Budget with 5-Year Spending
By Project Type, All Campuses
(\$548.2 million estimated total planned expenditures)**

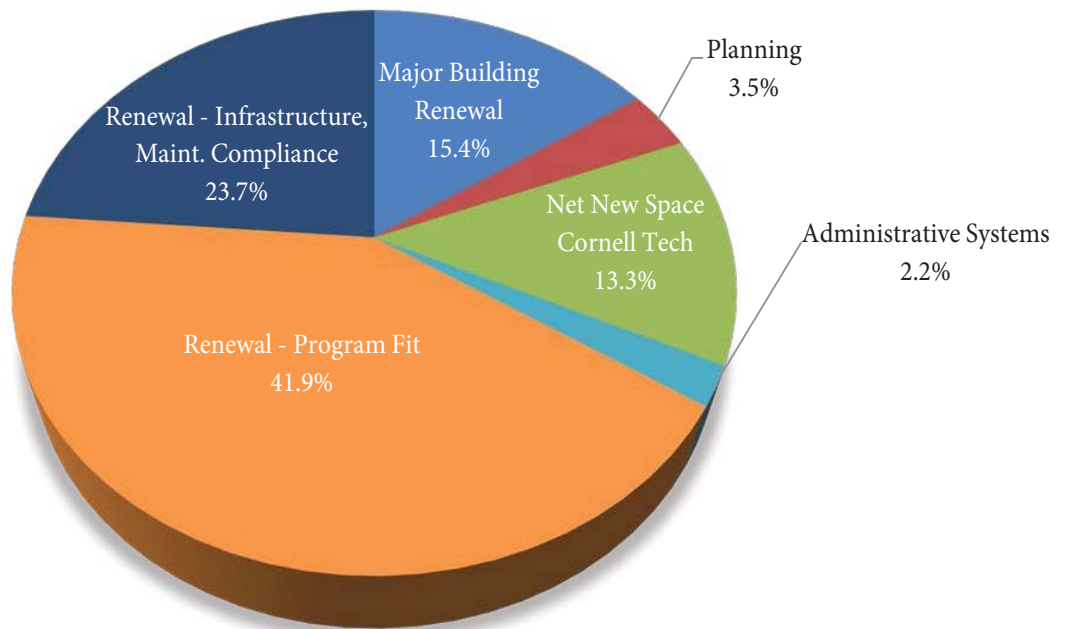


Table 7: Capital Activity Summary
(dollars in thousands)

	Estimated Total Budget	Anticipated FY2018
<i>Ithaca Campus</i>		
<i>Planning</i>		
1. McGraw Hall Planning and Design	\$7,400	\$3,400
2. Martha Van Rensselaer 1933 and East Wing Rehab Phase III Design	6,000	150
3. Comstock Hall Planning and Design	4,893	3,307
4. Earth Source Heat Test Well - Preparatory Phase	4,000	1,000
5. Cayuga Lake Modeling Project	3,200	200
6. Multiple Projects Each Valued under \$2M	1,528	826
7. Planning Total	\$27,021	\$8,883
<i>Building Renewal</i>		
8. Upson Hall Complete Renovation	\$74,496	\$6,758
9. Vet Med Class Expansion & Vet Research Tower Façade Replacement	74,100	8,330
10. United Health Services - Expanded and Renovated Facility	55,000	4,900
11. Martha Van Rensselaer 1933 Rehab Phase III Construction	48,000	2,000
12. Rand Hall Renovations - Fine Arts Library & Fabrication Shop	19,100	8,617
13. Building Renewal Total	\$270,696	\$30,605
<i>Renewal - Programmatic Fit</i>		
14. Ag & Life Sciences Plant Science Innovation & Business Development Ctr.	\$26,500	\$2,500
15. Geneva Pilot Plant Renewal	13,400	6,500
16. Cornell Law School Phase II	12,600	1,200
17. Olin Master Plan Renovation Phase I	11,000	3,667
18. Community Practice Service Building	7,450	715
19. Vet Research Towers Floors 6 & 7 Renovation	6,970	3,500
20. Engineering Academic Program Renovations	6,750	6,750
21. Vet Med Academic Program Renovations	6,500	6,000
22. Ag & Life Sciences Academic Program Renovations	6,075	3,000
23. Achieving Imminent CIS Space Needs	6,000	1,000
24. Career Services Barnes Hall - Expansion and Renovation	5,000	300
25. Risley Servery and Kitchen Study Renovation	4,050	1,979
26. Campus Life Enterprise Services Bathroom Renovations	4,000	3,900
27. Phi Gamma Delta Oaks 21 - Building Renovations and Enhancements	4,000	1,900
28. SC Johnson - Hotel School - Second Floor Program Renovation	4,000	190
29. NY Food Venture Center - Farm-Based Beverage Distance Learning	3,700	1,500
30. Psi Upsilon Interior Renovation	3,500	2,125
31. Visitor Center	3,500	3,130
32. Arts & Sciences Academic Program Renovations	3,350	3,350
33. SC Johnson - Johnson School - Sage Hall Space Reconfiguration	3,200	1,700
34. Engineering Renovations for New Faculty Hires	3,000	2,000
35. Vet Med Clinical Research Centers	3,000	3,000

Table 7: Capital Activity Summary (cont.)

(dollars in thousands)

	Estimated Total Budget	Anticipated FY2018
36. Botanic Gardens Peony and Perennial Garden	2,950	50
37. Ag & Life Sciences Renovations for New Faculty Hires	2,650	2,250
38. CCC Improvements for Academic Support Units	2,542	2,329
39. Stimson Hall Renovation for Language Resource Center	2,500	1,850
40. Vet Med Equine Facilities Consolidation	2,500	500
41. Dimock Env Control Lab: Renovation for the Nematode Program	2,200	500
42. Delta Upsilon - Program Space Renovations	2,000	250
43. Dining Commissary & Catering Relocation	2,000	1,000
44. Sage Atrium Café Renovation	2,000	1,700
45. Multiple Projects Each Valued Under \$2M	14,837	8,776
46. Renewal - Programmatic Fit Total	\$183,724	\$79,111
 <i>Renewal - Infrastructure & Maintenance</i>		
47. Contract College Project Options Allowance	\$32,400	\$32,400
48. Planned Maintenance Portfolio	15,516	15,516
49. Bradfield Hall Systems Upgrades/Renovation	15,000	11,500
50. Steam Line Replacements	10,765	988
51. Campus Wide Energy Conservation	6,468	881
52. Contract College Minor Critical Maintenance	5,000	4,500
53. Campus LED Lighting Replacement	4,278	1,778
54. Lynah Rink Wood Truss Remediation	3,992	1,332
55. Contract Colleges Multiple Building Roof Repairs/Replacements	3,100	2,100
56. East Avenue - Rebuild	3,100	625
57. Geneva Campus Electrical Upgrades	3,000	600
58. Utility Infrastructure Portfolio	2,500	1,745
59. Utility Plant Portfolio	2,330	2,330
60. SC Johnson - Hotel School - Statler Hotel Porte Cochere Renovation	2,000	200
61. Multiple Projects Each Valued Under \$2M	17,764	13,335
62. Renewal - Infrastructure & Maintenance Total	\$127,213	\$89,830
 <i>Administrative Systems</i>		
63. Research Administration System	\$11,025	\$2,539
64. Administrative Systems Portfolio	3,500	3,500
65. Multiple Projects Each Valued Under \$2M	994	994
66. Administrative Systems Total	\$15,519	\$7,033
 67. Ithaca Campus Total	 \$624,173	 \$215,462
 <i>Cornell Tech</i>		
68. Cornell Tech Roosevelt Island Campus	\$495,824	\$42,785
69. Cornell Tech Total	\$495,824	\$42,785

Table 7: Capital Activity Summary (cont.)
(dollars in thousands)

	Estimated Total Budget	Anticipated FY2018
Weill Cornell Medicine		
<i>Renewal - Programmatic Fit</i>		
70. Lasdon House Conversion for Dry Labs (3 Floors)	\$45,000	\$23,000
71. Education and Student Center at 1300 York	18,000	8,500
72. A-4 Clinical Genomics	7,000	900
73. 12 West 72nd Street Upgrades	5,400	2,400
74. Bright Horizons Childcare Center 2	2,500	2,500
75. Multiple Projects Each Valued Under \$2M	1,500	750
76. Renewal - Programmatic Fit Total	\$79,400	\$38,050
<i>Renewal - Infrastructure & Maintenance</i>		
77. Capital Renewal and Deferred Maintenance	\$21,000	\$4,000
78. Renewal - Infrastructure & Maintenance Total	\$21,000	\$4,000
79. Weill Cornell Medicine Total	\$100,400	\$42,050
80. Estimated Total Budget	\$1,220,397	\$300,297

Table 8: Sources & Uses of Capital Expenditures by Campus
(dollars in thousands)

	Spend to Date	FY2018	FY2019	FY2020	FY2021	FY2022	Estimated Total Budget
Ithaca Campus- Sources							
1. Gifts in Hand	\$ 12,186	\$ 6,380	-	\$ 8,763	-	\$ 3,100	\$ 30,429
2. Gifts Pledged	2,041	716	243	267	400	-	3,667
3. Gifts to be Raised	575	10,610	6,290	4,190	4,650	-	26,315
4. Gift Funds^a	14,802	17,706	6,533	13,220	5,050	3,100	60,411
5. Unit & Central Resources ^b	122,704	124,920	61,839	4,260	5,681	4,705	324,109
6. SUCF Capital ^f	73,057	55,888	12,450	16,000	17,000	-	174,395
7. Other /Gov't Programs ^Δ	27,636	16,947	11,175	5,000	1,500	-	62,258
8. Debt Financing	-	-	-	500	2,500	-	3,000
9. Estimated Total Budget - Ithaca Campus	\$ 238,199	\$ 215,461	\$ 91,997	\$ 38,980	\$ 31,731	\$ 7,805	\$ 624,173
Ithaca Campus - Uses							
1. Planning	\$ 7,856	\$ 8,882	\$ 6,883	\$ 2,400	\$ 1,000	-	\$ 27,021
2. Building Renewal	186,208	30,605	20,883	16,000	17,000	-	270,696
3. Renewal - Programmatic Fit	29,229	79,111	48,436	15,709	11,239	-	183,724
4. Renewal - Infrastructure & Maintenance	11,647	89,830	12,307	3,132	2,492	7,805	127,213
5. Administrative Systems	3,259	7,033	3,488	1,739	-	-	15,519
6. Total Budgeted Capital Expenditures - Ithaca Campus	\$ 238,199	\$ 215,461	\$ 91,997	\$ 38,980	\$ 31,731	\$ 7,805	\$ 624,173
Cornell Tech - Sources							
1. Gifts in Hand	\$ 205,210	\$ 1,392	-	-	-	-	\$ 206,602
2. Gifts Pledged	108,120	22,848	-	-	-	-	130,968
3. Gifts to Be Raised	-	16,245	26,728	2,900	-	-	45,873
4. Gift Funds	313,330	40,485	26,728	2,900	-	-	383,443
5. Unit Funds	3,900	2,300	-	-	-	-	6,200
6. Other /Gov't Programs	100,829	-	-	-	-	-	100,829
7. Third Party Developer ^ε	5,352	-	-	-	-	-	5,352
8. Estimated Total Budget - Cornell Tech	\$ 423,411	\$ 42,785	\$ 26,728	\$ 2,900	-	-	\$ 495,824
Cornell Tech - Uses							
1. New Space	\$ 423,411	\$ 42,785	\$ 26,728	\$ 2,900	-	-	\$ 495,824
2. Total Budgeted Capital Expenditures - Cornell Tech	\$ 423,411	\$ 42,785	\$ 26,728	\$ 2,900	-	-	\$ 495,824
Weill Cornell Medicine - Sources							
1. Gifts to Be Raised	\$ 300	\$ 8,500	\$ 6,200	\$ 3,000	-	-	\$ 18,000
2. Gift Funds	300	8,500	6,200	3,000	-	-	18,000
3. Unit Funds	7,250	7,700	5,500	4,550	3,500	-	28,500
4. Auxiliary and Service Ops	1,000	2,400	1,735	-	-	-	5,135
5. Other /Gov't Programs	2,000	23,450	22,000	1,050	-	-	48,500
6. Third Party Developer	-	-	265	-	-	-	265
7. Estimated Total Budget - Weill Cornell Medicine	\$ 10,550	\$ 42,050	\$ 35,700	\$ 8,600	\$ 3,500	-	\$ 100,400
Weill Cornell Medicine - Uses							
1. Renewal - Programmatic Fit	\$ 4,050	\$ 38,050	\$ 32,200	\$ 5,100	-	-	\$ 79,400
2. Renewal - Infrastructure & Maintenance	6,500	4,000	3,500	3,500	3,500	-	21,000
3. Total Budgeted Capital Expenditures - Weill Cornell Medicine	\$ 10,550	\$ 42,050	\$ 35,700	\$ 8,600	\$ 3,500	-	\$ 100,400

Notes

^a Restricted gifts for capital projects. Gifts in Hand are cash payments. Gifts Pledged are gift commitments with future payment. Gifts to be Raised are a projection of future, to-be-identified, gifts.

^b Resources from the Central Ithaca campus or Weill Cornell Medicine budgets. Ithaca campus funds include assessments, allocated funds, and usage fees.

^f New York State funding provided to the SUNY campuses, administered by the State University Construction Fund (SUCF).

^Δ Resources provided by federal, state, or local government agencies or private institutions.

^ε Funding from a third party, external to any Cornell funding source, used to develop project(s).

Appendix I: Capital Activity Detail

(dollars in thousands)

	Estimated Total Budget	Unit & Central Resources	State University Construction Fund
<i>Ithaca Campus</i>			
1. McGraw Hall Planning and Design	7,400	400	-
2. Martha Van Rensselaer 1933 and East Wing Rehab Phase III Design	6,000	300	5,700
3. Comstock Hall Planning and Design	4,893	4,893	-
4. Earth Source Heat Test Well - Preparatory Phase	4,000	-	2,000
5. Cayuga Lake Modeling Project	3,200	3,200	-
6. Multiple Projects Each Valued under \$2M	1,528	1,528	-
7. Planning Total	27,021	10,321	7,700
8. Upson Hall Complete Renovation	74,496	73,032	-
9. Vet Med Class Expansion & Vet Research Tower Façade Replacement	74,100	7,800	55,300
10. United Health Services - Expanded and Renovated Facility	55,000	37,000	-
11. Martha Van Rensselaer 1933 Rehab Phase III Construction	48,000	4,800	43,200
12. Rand Hall Renovations - Fine Arts Library & Fabrication Shop	19,100	9,000	-
13. Building Renewal Total	270,696	131,632	98,500
14. Ag & Life Sciences Plant Science Innovation & Business Development Ctr.	26,500	1,500	-
15. Geneva Pilot Plant Renewal	13,400	1,340	10,060
16. Cornell Law School Phase II	12,600	12,600	-
17. Olin Master Plan Renovation Phase I	11,000	11,000	-
18. Community Practice Service Building	7,450	750	-
19. Vet Research Towers Floors 6 & 7 Renovation	6,970	420	-
20. Engineering Academic Program Renovations	6,750	6,750	-
21. Vet Med Academic Program Renovations	6,500	3,500	-
22. Ag & Life Sciences Academic Program Renovations	6,075	6,075	-
23. Achieving Imminent CIS Space Needs	6,000	3,000	-
24. Career Services Barnes Hall - Expansion and Renovation	5,000	950	-
25. Risley Servery and Kitchen Study Renovation	4,050	4,050	-
26. Campus Life Enterprise Services Bathroom Renovations	4,000	4,000	-
27. Phi Gamma Delta Oaks 21 - Building Renovations and Enhancements	4,000	-	-
28. SC Johnson - Hotel School - Second Floor Program Renovation	4,000	4,000	-
29. NY Food Venture Center - Farm-Based Beverage Distance Learning	3,700	200	-
30. Psi Upsilon Interior Renovation	3,500	-	-
31. Visitor Center	3,500	20	-
32. Arts & Sciences Academic Program Renovations	3,350	3,350	-
33. SC Johnson - Johnson School - Sage Hall Space Reconfiguration	3,200	3,200	-
34. Engineering Renovations for New Faculty Hires	3,000	3,000	-
35. Vet Med Clinical Research Centers	3,000	3,000	-
36. Botanic Gardens Peony and Perennial Garden	2,950	-	-
37. Ag & Life Sciences Renovations for New Faculty Hires	2,650	2,650	-
38. CCC Improvements for Academic Support Units	2,542	2,542	-
39. Stimson Hall Renovation for Language Resource Center	2,500	-	-
40. Vet Med Equine Facilities Consolidation	2,500	2,500	-
41. Dimock Env Control Lab: Renovation for the Nematode Program	2,200	140	600
42. Delta Upsilon - Program Space Renovations	2,000	-	-
43. Dining Commissary & Catering Relocation	2,000	2,000	-
44. Sage Atrium Café Renovation	2,000	2,000	-
45. Multiple Projects Each Valued Under \$2M	14,837	14,187	-
46. Renewal - Programmatic Fit Total	183,724	98,724	10,660

Appendix I: Capital Activity Detail cont.
(dollars in thousands)

Sources of Funding				Timing of Estimated Project Expenditures			Estimated Maintenance Backlog Addressed	
External Grant	Gift Funds	Debt	Third Party Developer	Spend to Date ^a	FY2018	FY2019-FY2022		
-	7,000	-	-	400	3,400	3,600	-	1.
-	-	-	-	3,170	150	2,680	-	2.
-	-	-	-	583	3,307	1,003	-	3.
1,000	1,000	-	-	-	1,000	3,000	-	4.
-	-	-	-	3,000	200	-	-	5.
-	-	-	-	702	826	-	-	6.
1,000	8,000	-	-	7,855	8,883	10,283	-	7.
-	1,464	-	-	67,738	6,758	-	31,338	8.
11,000	-	-	-	65,770	8,330	-	32,557	9.
-	18,000	-	-	50,100	4,900	-	2,311	10.
-	-	-	-	-	2,000	46,000	20,600	11.
-	10,100	-	-	2,600	8,617	7,883	7,834	12.
11,000	29,564	-	-	186,208	30,605	53,883	94,640	13.
25,000	-	-	-	-	2,500	24,000	10,800	14.
2,000	-	-	-	990	6,500	5,910	5,600	15.
-	-	-	-	11,400	1,200	-	2,900	16.
-	-	-	-	-	3,667	7,333	1,792	17.
6,700	-	-	-	6,735	715	-	440	18.
6,550	-	-	-	3,470	3,500	-	3,000	19.
-	-	-	-	-	6,750	-	2,313	20.
3,000	-	-	-	-	6,000	500	-	21.
-	-	-	-	-	3,000	3,075	3,645	22.
-	-	3,000	-	-	1,000	5,000	-	23.
-	4,050	-	-	175	300	4,525	338	24.
-	-	-	-	92	1,979	1,979	1,300	25.
-	-	-	-	300	1,900	1,800	1,700	26.
-	4,000	-	-	210	190	3,600	4,258	27.
-	-	-	-	100	3,900	-	4,000	28.
3,500	-	-	-	500	1,500	1,700	1,400	29.
-	3,500	-	-	1,375	2,125	-	1,700	30.
-	3,480	-	-	370	3,130	-	373	31.
-	-	-	-	-	3,350	-	100	32.
-	-	-	-	-	1,700	1,500	64	33.
-	-	-	-	500	2,000	500	1,200	34.
-	-	-	-	-	3,000	-	131	35.
-	2,950	-	-	-	50	2,900	-	36.
-	-	-	-	-	2,250	400	1,590	37.
-	-	-	-	213	2,329	-	-	38.
-	2,500	-	-	-	1,850	650	1,000	39.
-	-	-	-	2,000	500	-	-	40.
1,460	-	-	-	-	500	1,700	900	41.
-	2,000	-	-	404	250	1,346	500	42.
-	-	-	-	-	1,000	1,000	-	43.
-	-	-	-	-	1,700	300	100	44.
350	300	-	-	395	8,776	5,666	2,612	45.
48,560	22,780	3,000	-	29,229	79,111	75,384	53,756	46.

Appendix I: Capital Activity Detail cont.

(dollars in thousands)

	Estimated Total Budget	Unit & Central Resources	State University Construction Fund
<i>Ithaca Campus</i>			
47. Contract College Project Options Allowance	32,400	-	32,400
48. Planned Maintenance Portfolio	15,516	15,516	-
49. Bradfield Hall Systems Upgrades/Renovation	15,000	1,500	13,500
50. Steam Line Replacements	10,765	10,765	-
51. Campus Wide Energy Conservation	6,468	6,468	-
52. Contract College Minor Critical Maintenance	5,000	-	5,000
53. Campus LED Lighting Replacement	4,278	2,942	-
54. Lynah Rink Wood Truss Remediation	3,992	3,992	-
55. Contract Colleges Multiple Building Roof Repairs/Replacements	3,100	215	2,885
56. East Avenue - Rebuild	3,100	3,100	-
57. Geneva Campus Electrical Upgrades	3,000	20	2,980
58. Utility Infrastructure Portfolio	2,500	2,500	-
59. Utility Plant Portfolio	2,330	2,330	-
60. SC Johnson - Hotel School - Statler Hotel Porte Cochere Renovation	2,000	2,000	-
61. Multiple Projects Each Valued Under \$2M	17,764	16,565	770
62. Renewal - Infrastructure & Maintenance Total	127,213	67,913	57,535
63. Research Administration System	11,025	11,025	-
64. Administrative Systems Portfolio	3,500	3,500	-
65. Multiple Projects Each Valued Under \$2M	994	994	-
66. Administrative Systems Total	15,519	15,519	-
67. Ithaca Campus Total	624,173	324,109	174,395
<i>Cornell Tech</i>			
68. Cornell Tech Roosevelt Island Campus	495,824	6,200	-
69. Cornell Tech Campus Total	495,824	6,200	-
<i>Weill Cornell Medicine</i>			
70. Lasdon House Conversion for Dry Labs (3 Floors)	45,000	-	-
71. Education and Student Center at 1300 York	18,000	-	-
72. A-4 Clinical Genomics	7,000	3,500	-
73. 12 West 72nd Street Upgrades	5,400	5,135	-
74. Bright Horizons Childcare Center 2	2,500	2,500	-
75. Multiple Projects Each Valued Under \$2M	1,500	1,500	-
76. Renewal - Programmatic Fit Total	79,400	12,635	-
77. Capital Renewal and Deferred Maintenance	21,000	21,000	-
78. Renewal - Infrastructure & Maintenance Total	21,000	21,000	-
79. Weill Cornell Medicine Total	100,400	33,635	-
80. Estimated Total Budget - Cornell University	1,220,397	363,944	174,395

Notes:

α The Spend to Date column is the sum of Prior Year Actuals, Current Year Actuals and Current Year Projected Spend.

Appendix I: Capital Activity Detail cont.
(dollars in thousands)

Sources of Funding				Timing of Estimated Project Expenditures			
External Grant	Gift Funds	Debt	Third Party Developer	Spend to Date ^a	FY2018	FY2019-FY2022	Estimated Maintenance Backlog Addressed
-	-	-	-	-	32,400	-	14,300 47.
-	-	-	-	-	15,516	-	15,516 48.
-	-	-	-	2,500	11,500	1,000	12,500 49.
-	-	-	-	143	988	9,635	10,765 50.
-	-	-	-	779	881	4,807	3,234 51.
-	-	-	-	-	4,500	500	5,000 52.
1,336	-	-	-	2,500	1,778	-	- 53.
-	-	-	-	2,660	1,332	-	3,992 54.
-	-	-	-	1,000	2,100	-	2,180 55.
-	-	-	-	-	625	2,475	3,100 56.
-	-	-	-	-	600	2,400	3,400 57.
-	-	-	-	-	1,745	755	2,500 58.
-	-	-	-	-	2,330	-	2,330 59.
-	-	-	-	36	200	1,764	500 60.
362	67	-	-	2,030	13,334	2,400	5,155 61.
1,698	67	-	-	11,648	89,829	25,736	84,472 62.
-	-	-	-	3,259	2,539	5,227	- 63.
-	-	-	-	-	3,500	-	- 64.
-	-	-	-	-	994	-	- 65.
-	-	-	-	3,259	7,033	5,227	- 66.
62,258	60,411	3,000	-	238,199	215,461	170,513	232,867 67.
100,829	383,443	-	5,352	423,411	42,785	29,628	- 68.
100,829	383,443	-	5,352	423,411	42,785	29,628	- 69.
45,000	-	-	-	2,000	23,000	20,000	- 70.
-	18,000	-	-	300	8,500	9,200	1,500 71.
3,500	-	-	-	-	900	6,100	- 72.
-	-	-	265	1,000	2,400	2,000	- 73.
-	-	-	-	-	2,500	-	- 74.
-	-	-	-	750	750	-	- 75.
48,500	18,000	-	265	4,050	38,050	37,300	1,500 76.
-	-	-	-	6,500	4,000	10,500	21,000 77.
-	-	-	-	6,500	4,000	10,500	21,000 78.
48,500	18,000	-	265	10,550	42,050	47,800	22,500 79.
211,587	461,854	3,000	5,617	672,160	300,295	247,941	255,367 80.