

Penn Connects Summary

Revised 9/16

| |
|--------------------|
| Completed |
| Under Construction |
| In Design/Planning |

Penn Connects Phase 1

| Project Name | Completion | | Project Total (\$M) | Sponsor | GSF |
|--|------------|------------------|---------------------|-------------|---------|
| | Date | Project Type | | | |
| Annenberg Public Policy Center | 2009 | New Construction | \$34 | Penn | 53,000 |
| Weave Bridge | 2009 | New Construction | \$4 | Penn | |
| Lerner Center (Music Building) | 2010 | Reno/New | \$16 | Penn | 25,000 |
| Weiss Pavilion | 2010 | New Construction | \$27 | Penn | 51,000 |
| High Rise College Houses | 2006-09 | Renovation | \$180 | Penn | 925,000 |
| Dubois College House | 2009 | Renovation | \$10 | Penn | 88,000 |
| Fagin Hall Renovation | 2006-12 | Renovation | \$23 | Penn | 75,000 |
| Museum West Wing | 2010-14 | Renovation | \$16 | Penn | 25,000 |
| PCAM, Roberts, Smilow (listed separately) | 2008-10 | | | | |
| Perelman Center for Advanced Med | 2008 | New Construction | \$380 | PennMed | 900,000 |
| Roberts Proton Center | 2009 | New Construction | \$140 | PennMed | 75,000 |
| Smilow Translational Research Center | 2010 | New Construction | \$425 | Penn | 532,000 |
| The HUB | 2006 | New Construction | \$23 | Real Estate | 50,000 |
| Domus | 2007 | New Construction | \$100 | Real Estate | 225,000 |
| The Radian | 2008 | New Construction | \$70 | Real Estate | 155,000 |
| IRS Headquarters Former USPS Main Bldg | 2010 | Renovation | \$255 | Real Estate | 900,000 |

| Phase 1 - Total of all completed projects (2006-2010) | | | |
|---|----------------|-------------|------------------|
| | Cost (\$M) | % of Spend | GSF |
| Penn | \$735 | 43% | 1,774,000 |
| Penn Med | \$520 | 31% | 975,000 |
| Real Estate | \$448 | 26% | 1,330,000 |
| Total | \$1,703 | 100% | 4,079,000 |

Penn Connects 2.0

| Project Name | Completion | | Project Total (\$M) | Sponsor | GSF |
|---|------------|------------------|---------------------|---------|------------|
| | Date | Project Type | | | |
| Golkin Hall | 2011 | New Construction | \$33 | Penn | 46,000 |
| Singh Center for Nanotechnology | 2013 | New Construction | \$91 | Penn | 80,000 |
| Hutchinson Gym and Infill | 2013 | Reno/New Const | \$25 | Penn | 59,000 |
| SH-DH West Addition and Classrooms | 2013 | Reno/New Const | \$19 | Penn | 30,000 |
| VanPelt - Kislak Center Special Collections | 2014 | New Construction | \$17 | Penn | 30,000 |
| The ARCH | 2014 | Renovation | \$25 | Penn | 29,000 |
| Meyerson Hall, Phases 1 + 2 | 2014 | Renovation | \$8 | Penn | 22,000 |
| Gregory College House | 2014 | Renovation | \$14 | Penn | 113,000 |
| Penn Park | 2011 | Site/Open Space | \$46 | Penn | 24 acres |
| Shoemaker Green | 2012 | Site/Open Space | \$8 | Penn | 2.75 acres |
| Kane Park | 2013 | Site/Open Space | \$5 | Penn | .5 acre |
| River Fields Sports Complex | 2013 | Renovation | \$16 | Penn | 3 acres |
| Class of '49 / Generational Bridge | 2014 | Renovation | \$7 | Penn | |
| Hecht Tennis Center | 2015 | Renovation | \$5 | Penn | 62,000 |
| PCAM South Tower (listed separately) | 2014-16 | | | | |
| PCAM South Pavilion (lower 5 floors) | 2014 | New Construction | \$135 | PennMed | 230,000 |
| PCAM Jordan Medical Education Center | 2015 | New Construction | \$63 | Penn | 115,000 |
| PCAM South Tower (upper 7 floors) | 2016 | New Construction | \$137 | PennMed | 205,000 |
| Penn Presby - Pavilion for Advaced Care | 2015 | New Construction | \$148 | PennMed | 155,000 |
| 3600 Civic Center Blvd Garage | 2015 | New Construction | \$48 | PennMed | 540,000 |

Other Projects Underway

| | | | | | |
|--|------|------------------|-------|--------------------|---------|
| Mod 7 Expansion | 2015 | New Construction | \$62 | Penn | 60,000 |
| Richards Medical Labs C&D Tower, Phase 1 | 2015 | Renovation | \$14 | Penn | 35,000 |
| 3901 Walnut Street | 2015 | New Construction | \$12 | Real Estate | 30,000 |
| 3939 Chestnut Street (HUB 2) | 2015 | New Construction | \$18 | Real Estate | 53,000 |
| Perry World House | 2016 | Reno/New | \$19 | Penn | 17,000 |
| New College House | 2016 | New Construction | \$120 | Penn | 195,000 |
| Levin - Neural Behavioral Sciences | 2016 | New Construction | \$69 | Penn | 70,000 |
| Pennovation Center and Site | 2016 | Renovation | \$38 | Penn / Real Estate | 58,000 |
| Perelman Ctr Political Science & Economics | 2018 | Reno/New | \$78 | Penn | 100,000 |
| Hill College House Renovations | 2017 | Renovation | \$80 | Penn | 200,000 |
| M+T Robbins Building | 2017 | Reno/New | \$7 | Penn | 7,000 |

Cira Centre South (listed separately)

| | | | | | |
|-------------------|------|------------------|-------|-------------|---------|
| Cira South Garage | 2011 | New Construction | \$100 | Real Estate | 600,000 |
| EVO | 2014 | New Construction | \$171 | Real Estate | 484,000 |
| FMC Tower | 2016 | New Construction | \$385 | Real Estate | 861,000 |

Century Bond

| | | | | | |
|------------------------------------|---------|------------|-------|------|--|
| Feas Study and Design Fees | 2013-14 | | \$7 | Penn | |
| Lighting Upgrades (numerous bldgs) | 2014 | Renovation | \$8 | Penn | |
| HVAC at Chem 73 | 2014 | Renovation | \$17 | Penn | |
| HVAC at Stemmler Hall | 2015-18 | Renovation | \$119 | Penn | |
| HVAC at Meyerson | 2015-16 | Renovation | \$13 | Penn | |
| HVAC at Evans Building | 2018 | Renovation | \$37 | Penn | |

| PC2.0 - Total completed & under construction (2011-2016) | | | |
|--|----------------|-------------|------------------|
| | Cost (\$M) | % of Spend | GSF |
| Penn | \$946 | 45% | 1,121,000 |
| Penn Med | \$468 | 22% | 1,130,000 |
| Real Estate | \$686 | 33% | 2,028,000 |
| Total | \$2,100 | 100% | 4,279,000 |

| Phase 1 and 2 Summary Totals to Date (2006-2016) | | | |
|--|----------------|-------------|------------------|
| | Cost (\$M) | % of Spend | GSF |
| Penn | \$1,681 | 44% | 2,895,000 |
| Penn Med | \$988 | 26% | 2,105,000 |
| Real Estate | \$1,134 | 30% | 3,358,000 |
| Total | \$3,803 | 100% | 8,358,000 |

Totals do not include projects in Design/Planning - shown as green