

Pre-Project	Project Considerations	Project Budget and Incremental Annual Cost Considerations	Allocation of Funds and Approval of Funding Plan	Participants
<p>Feasibility and Planning Studies</p>	<ul style="list-style-type: none"> ▶ Planning and feasibility studies typically consider some or all of: consistency or departure from University plans (e.g., campus master plan or sector plans), siting options, project massing options, budget, schedule, sustainability, efficiency and energy, safety and security, universal access, operating and maintenance costs, collateral needs, and design methodology. ▶ May include consideration of potential design options. 	<ul style="list-style-type: none"> ▶ Planning and feasibility study cost projections are generally formulaic. ▶ Incremental annual operating, maintenance, and renewal costs are projected by the Office of Budget and Planning, typically based upon cost-per-square-foot projections for the University as a whole. 	<ul style="list-style-type: none"> ▶ Planning and feasibility studies are typically funded through the annual capital budget, but may be funded from grants or gifts or from the operating budget. ▶ Gift funds are recognized when a gift agreement is in hand. ▶ Funding plan requires approval by EVP/COO. 	<ul style="list-style-type: none"> ▶ VP for Capital Projects, Project Manager(s), User Group, Architect/Planner
<p>Initiated Projects</p>				
<p>Tier 1 and Tier 2 Projects</p>	<ul style="list-style-type: none"> ▶ Tier 1 (defined as projects with a total cost <\$1M) and Tier 2 projects (defined as major capital projects with total cost >\$1M) involve more detailed consideration of: budget, schedule, sustainability, efficiency and energy, safety and security, universal access, incremental annual operating and maintenance costs, collateral needs, design methodology, design approaches, cost estimates, and alignment of cost and budget (often involving value engineering). ▶ At initiation of project, selection of consulting project manager(s) and OCP staff project manager(s) is established. 	<ul style="list-style-type: none"> ▶ Various levels of approval are required for capital project budgets, depending upon magnitude (see Appendix 6, Signatory Authority chart). ▶ Funding plans are documented by the Office of Budget and Planning and are subject to approval by EVP/COO. ▶ Budget estimation is a key ongoing process that occurs at periodic intervals to facilitate alignment of project cost and budget. 	<ul style="list-style-type: none"> ▶ Tier 1 and Tier 2 capital projects are funded through one or more funding sources, including: gifts, grants, University capital budget, special trustees capital, approved University debt, and/or University or departmental operating budget). ▶ Capital projects require an approved funding plan, and those projects requiring bridge loans (short-term financing) also require a short-term funding plan approved by the EVP/COO. 	<ul style="list-style-type: none"> ▶ VP for Capital Projects, Project Manager(s), Design Team, User Group, Pre-construction Manager
<p>Infrastructure Projects</p>	<ul style="list-style-type: none"> ▶ Infrastructure Projects typically involve consideration of: budget, schedule, capacity, reliability, energy and efficiency, sustainability, safety and security, operating and maintenance costs, collateral needs, cost estimates, and alignment of cost and budget (often involving value engineering). ▶ At initiation of project, selection of consulting project manager(s) and OCP staff project manager(s) is established. 	<ul style="list-style-type: none"> ▶ Various levels of approval are required for infrastructure projects, depending upon magnitude (see Appendix 6, Signatory Authority chart). ▶ Funding plans are documented by the Office of Budget and Planning and are subject to approval by EVP/COO. ▶ Budget estimation is a key ongoing process that occurs at periodic intervals to facilitate alignment of project cost and budget. 	<ul style="list-style-type: none"> ▶ Infrastructure projects are funded through one or more sources, including: University capital budget, Special Trustees Capital Fund, University debt (long- and/or short-term), grants and/or gifts, and operating budget. ▶ Infrastructure projects require an approved funding plan, and those projects requiring bridge loans (short-term financing) also require a short-term funding plan. These projects are most often funded through the capital budget. 	<ul style="list-style-type: none"> ▶ VP for Campus Operations, Facilities Services, VP for Capital Projects, Project Manager(s), Design Team, User Group(s), Pre-construction Manager
<p>Deferred Maintenance Projects</p>	<ul style="list-style-type: none"> ▶ Deferred Maintenance Projects often overlap with or consist of project types listed above. Considerations typically include: budget, schedule, operating and maintenance costs, reliability, energy and efficiency, sustainability, safety and security, collateral needs, cost estimating, and alignment of cost and budget (often involving value engineering). ▶ At initiation of project, selection of consulting project manager(s) and OCP staff project manager(s) is established. ▶ Deferred Maintenance projects are prioritized through internal discussions and by reviewing other planning documents such as the Facilities Condition Analysis. 	<ul style="list-style-type: none"> ▶ Various levels of approval are required for deferred maintenance projects, depending upon magnitude (see Appendix 6, Signatory Authority chart). ▶ Funding plans are documented by the Office of Budget and Planning and are subject to approval by the EVP/COO. ▶ Budget estimation is a key ongoing process that occurs at periodic intervals to facilitate alignment of project cost and budget. 	<ul style="list-style-type: none"> ▶ Deferred maintenance projects are funded through one or more sources, including: University capital budget, Special Trustees Capital Fund, University debt (long- and/or short-term), grants and/or gifts, and operating budget. ▶ Deferred maintenance projects require an approved funding plan, either individually or as a portfolio of projects. ▶ Projects requiring bridge loans (short-term financing) require a short-term funding plan approved by EVP/COO. 	<ul style="list-style-type: none"> ▶ VP for Campus Operations, Facilities Services, VP for Capital Projects, Project Manager(s), Design Team, User Group(s), Pre-construction Manager