Composting Feasibility Study by Foth

* Using data provided by Kevin Wolz
* Consider two site options
	+ Grounds composting and Topsoil Storage Site, on Lincoln Avenue
	+ Master Plan Composting Site, on Race Street by Beef and Sheep
* Not including IEPA permit requirements because this site should qualify as an On-Farm Landscape Waste Compost Facility under 35 Illinois Admin Code 830.106.
* Unknown construction budget at this time
* Scheduled to kick-off September 15, 2011
* Scope:
	+ Program Development
		- Data collection and analysis – including review of other university composting facilities
		- Review surface drainage runoff around the proposed sites
		- Develop annual volumes and density info from UI waste stream
		- Estimate windrow and storage pad areas
		- Estimate the physical area of the initial waste stream and expansion limitations
		- Investigate a perimeter drainage system to collect runoff in an earthen holding lagoon
		- Determine ingress/egress and circulation for the site
	+ Design Development
		- Validate
			* material flow analysis and prepare a resultant diagram
			* windrow cross sections
			* aisle width
			* windrow lengths
			* end aisle widths
			* center aisle, number and widths
			* storage area maneuvering circulation and loading areas
		- prepare schematic drawing
			* include an allowance for a possible maintenance shed
			* include any necessary lighting
			* consider a possible lagoon pumping system
	+ Schematic Cost Estimate