



CITY OF KIRKLAND
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MEMORANDUM

To: David Ramsay, City Manager

From: Daryl Grigsby, Public Works Director
Ray Steiger, P.E., Capital Projects Manager

Date: June 22, 2007

Subject: DOWNTOWN TRANSIT CENTER – DESIGN DEVELOPMENT

RECOMMENDATION:

It is recommended that the City Council conduct a study session on August 7th, 2007 to provide input and feedback to various design elements of the Downtown Transit Center.

BACKGROUND AND DISCUSSION:

Sound Transit has directed their design team to further develop the new Downtown Transit Center based on the preferred alternative of the "Park Trellis". The design team is now in the process of working toward a 30% design for the Transit Center which is currently estimated to be complete early this fall. The 30% design will then undergo a Value Engineering study and concurrently be the basis for a SEPA Checklist.

At their June 5, 2007 meeting to discuss the proposed Park Trellis theme, Council directed staff to return with a description of opportunities to affect the 30% design development. Council identified a number of specific concerns with the level of detail available on June 5th and wanted to be involved with the design prior to completion of the 30% design. Subsequent to the June meeting, City/Sound Transit/King County-Metro staff and the design team have worked on a schedule and recommended approach to address those concerns. To facilitate the discussion, two attachments are included in this memo: 1) matrix of design development milestones that are anticipated (Attachment 1); 2) a schedule showing up-coming opportunities to be involved in the design process (Attachment 2).

Attachment 1 identifies the significant elements that will be included in the Downtown Transit Center. These elements follow the contractual agreements between Sound Transit and the design team; it also identifies specific products or "levels of detail" that will be available at each of the various stages. As the next stage is the 30% design, input by the City Council prior to that submittal would be ideally provided at a study session this summer. However, in order for the design team to provide enough detail, it is recommended that the design be advanced beyond its existing state. August 7th has been reserved on the schedule to provide that opportunity.

Attachment 2 shows steps beyond the 30% design and also tentatively sets additional opportunities for City Council and the public to weigh in on the design. Also identified in the graphic is a key milestone for the signal at Third Street and Kirkland (identified as "Final Signal Design (City)"); now that the footprint has been established, and field layout of bus turning movements are being finalized by King County/METRO, an agreement has been reached that will allow the City to move forward with design and construction of the anticipated signal. This signal has been a key issue in the Moss Bay neighborhood.

Design trade	major element	as envisioned today	Available for Preview August 7, 2007	Product at		
				30% design	60% design	90% design
Civil	ped crossing	concrete pavers/stamped	DRAFT	location on paving plan	location and dimensions, flashing crosswalk system shown at applicable locations	
	Stormwater System	vault for treatment, no detention required		vault size and location	major structural components	all vault details
	sidewalks	concrete pavers; 11' wide within transit center		hardscape and paving plan	preliminary paver types/ colors identified, patterns developed	final
	travel lanes	concrete with joint pattern		paving plan - travel lanes set in dimension (including adjacent ingress and egress limitations), pavement material identified	preliminary joint patterns developed	final
	signals	3rd/Kirkland, 3rd/Central, ped crossing (flashing crosswalk system)		chan plan, phase diagrams, controller locations, signal pole locations	wiring diagrams,	signal pole schedule
	retaining walls	behind NE shelters at Park		type, size and location	plan and elevation view	all structural details
	Structural	various		yes	n/a (information provided only for preliminary foundation design)	draft
Architectural	shelters	cantilever w back/side weatherprotection	work in progress drawing of shelters	plans, elevations, sections, schematics, and finishes as appropriate	structural / electrical to structures, preliminary finishes and colors	final design complete
	central canopy	trellis with glass center covering	Work in progress drawing of center trellis,	plans, elevations, sections, schematic, and finishes as appropriate	structural / electrical to structures, preliminary finishes and colors	final design complete
	center median	6' landscaped with ped barrier		rail placement;	early version of rail placement shown on hardscape plans, plants shown on landscape plans	detail regarding rail, planiting etc on appropriate drawings
	benches	yes		plans, elevations, sections, details, and finishes as appropriate	n/a	benches shown on architectural drawings or generally located on hardscape plans with other misc. furnishings
	art	yes		artist selection		
Electrical	lighting, VMS, power	pedestrian and vehicular lighting, hookup for possible coffee stand		ID fatal flaws & costing, lighting pole locations, power feed location	identification of lighting pole/ fixtures, VMS locations and sizes	final
Mechanical				n/a	plumbing for maintenance room, preliminary ventilation if needed. Potential future hookups for coffee stand. Hose bib locations	final
Landscape/irrigation	landscaping	yes		plans to generally identify plant types (trees, areas of shrub, ground cover, and turf	preliminary species and number identified	complete landscape plan
	irrigation	yes		plans generally identifying extent of system and point of connection for water and electric	identify if irrigation system will function as an extension of existing Peter Kirk Park System	determine if designed by consultant or contractor
All	sustainable design	yes	identify opportunities for sustainable design	identify sustainable design elements to be developed	items and locations	details and final
	CPTED	yes		incorporated in design	incorporated in design	incorporated in design
	cost estimate	\$13.3 million project budget	\$13.3 million project budget	30% estimate of probable construction cost and confirmation of project budget	60% estimate of probable construction cost and confirmation of project budget	final estimate of probable construction cost and confirmation of project budget

KIRKLAND TRANSIT CENTER - JUNE 21, 2007

