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**From:** Williamson, Alec  
**Sent:** Monday, September 29, 2008 1:49 PM  
**To:** Petersen, Norm (Consultant)  
**Cc:** Pottabathni, Ranga (Consultant); Morrison, Mike (Consultant); Clark, Gordon T. (Consultant)  
**Subject:** Cost Estimate Questions

**Tracking:**

Recipient	Read
Petersen, Norm (Consultant)	
Pottabathni, Ranga (Consultant)	Read: 9/29/2008 1:50 PM
Morrison, Mike (Consultant)	Read: 9/29/2008 2:55 PM
Clark, Gordon T. (Consultant)	

I have a few questions regarding the final draft planning level estimates that you have submitted to the state. I am going to start with Scenario E, and as I have time I will forward you more comments and questions on this and other scenarios.

1. What are the assumed improvements on the top of the lid? I don't see any and I would think we would have some allowance in the specialty items section of the estimate. If it is going to be 2 feet of soil and landscaping, we need to allow for that.
2. I would think you would need specialty items for fire proofing or otherwise isolating the underside of the structure for maintenance- has this been accounted for? Also, you need to check with Bridge Maintenance (Archie Allen or Rick Rodda) to find out how much clearance will be required between the development and the underside of the bridge. This is a major design consideration.
3. I would think you would need specialty items for absorbing the noise- this could include a markup for quiet pavement and some type of sound absorption applied to the underside of the upper deck. What about the enclosure walls to contain noise between the roadway deck and the upper deck, have all of these items been accounted for?
4. It appears that the width of the integrated is being shown at 76-78 feet, but the structure is now at 90 feet in width, correct? If so we are low on our quantities.
5. I think we should plan on at least one waterfront access tower every two blocks.
6. Do we need below grade parking for this option? If so foundation and other costs will need to be included.
7. Any pedestrian connections to Colman Dock or to the east (city side)?

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