Summary of Day 2
Q8: Time Horizon

The *analysis period* refers to the time horizon during which the inputs and outputs associated with the functional unit for a system or systems are inventoried. The initial construction of each system will have a different functional design life, and may be followed by a series of different maintenance and rehabilitation (M&R) activities to preserve its function. Properly assessing the pavement system over a time horizon presents a major challenge. Some proposed approaches to determine the analysis period include:

- Using 1.5 times the longest functional design life among all alternatives
- Using minimum next major rehabilitation activity
- Annualizing/amortizing construction events
Group 1
What is one service life?

Three options:
1) Terminates before demolition
2) Includes demolition (consensus choice)
3) Includes rehabilitation (minority choice)

Issues
-2 is OK as long as benefits and deficits are properly allocated

-Often difficult to separate these activities
What is the analysis period?

- Arbitrary Analysis Period
- Common Denominator
- Annual Average Impact