

Managed Lanes – Issues/Questions/Unknowns/Research Needs

The floor was opened to comments on managed lanes as a way to begin formulating research problem statements and future conference sessions with sponsoring committees:

1. FTA vs. DOT policies – sometimes conflicting
2. Enforcement of occupancy for HOV exemptions
3. Will managed lanes supersede HOVLs?
 - a. Maryland: everyone pays - could it create more ridesharing because people will share tolls?
4. Managed lanes goals: What are you trying to accomplish?
5. Planning volumes for managed lanes
 - a. Simulation tools
 - b. Best practices for simulation analysis
6. How to treat managed lanes in environmental process:
 - a. Where does operational strategy come into environmental process?
 - b. Fiscal constraint issues
7. Lane Separation - cost impacts and tradeoffs of alternative techniques
8. Designing for HOT lanes – space, cross-section, enforcement area, buffer
 - a. Current HOVLs may not be equipped for HOT operation
9. Information processing, where to sign
10. Financing – how much flexibility can your managed lane have when using bonding?
11. Carpooling formation, bus use
 - a. Cross-modal elasticities for planning purposes
12. Social marketing for different operating characteristics
13. Does road grid have capacity to feed MLs?
 - a. I-25 Denver - pricing will be affected by limited access at downtown grid
14. System-wide studies
 - a. ML system planning
15. Use of revenue

The following individuals agreed to develop a one-page description of their assigned issue:

Phil Shapiro/David Ungemah - Planning - #3 through #6, #11, #14

Chris Swenson/Ginger Goodin – Enforcement #2

Bill Finger/Charles Prestrud – Design - #7, #8, #13

Beverly Kuhn – Signing - #9