

Management Consulting – Technical Research Writing Editing

Lemongrass Consulting has experienced professionals. Clovia Hamilton leads the Lemongrass team and has been published and has publications underway.



Avigation Easements and Land Use, ACRP 11-01, Study Topic 2-02, Transportation Research Board (TRB), 2008-2009, underway.

Liability Aspects of Bikeway Designations, NCHRP 20-6, Study Topic 15-04, Transportation Research Board (TRB), 2007-2008, underway.

High -Tech Transportation Corridors are in Vogue: Proposed Federal Transportation Policy Amendments, 14 Albany L. J. Sci. & Tech. 2, Spring 2004.

Collins, R.R., Mullins, E.D., Watson, D.E., [Hamilton] Payne, C.A. "Investigation of Rutting IR-75-3 (157), CT. 1 Bartow and Gordon Counties", for 1991 Annual Meeting of the Transportation Research Board.

- Conducted asphalt research while assigned to the Materials Research Lab. Served as the Strategic Highway Research Program (SHRP) Superior Performing Asphalt Pavements (Super Pave) asphalt test equipment coordinator.
- Used QBASIC to program the materials tests results Form 553 for laptop use in the field.



Research Assistant, US Army Corps of Engineers Construction Engineering Research Lab (CERL), Champaign IL

- Served in the area of artificially intelligent expert system software development in the Facilities Management unit. Researched the design of knowledge management decision support expert systems to capture the knowledge of experts on the Military Construction Army (MCA) cycle.

- Evaluated and investigated 40 commercially available expert system shells and 25 programming languages for the personal computer. Organized MCA cycle study data into consultation sessions using commercially available expert system software including the EXSYS tool, and updated project information using relational database software.

"Clovia has done an excellent job in conducting three special studies. The work she completed on "Recycling Concrete Pavement State of the Art" report was very thorough and well organized. The special study on "Stabilizing Low Volume Roads" was also well thought out and presented. The study was completed in a timely manner. The special study on use of dredge material as fill was completed in a timely manner and she made contact with a number of excellent sources to get good data on this subject. She did a very thorough job in getting information on the SHRP test procedures. She took the initiative of obtaining technical information on the work being done by Monismith at Cal Berkeley on the theory behind the procedures. Clovia did an excellent job in programming Form 553 for laptop. The computer program is efficient in use of code and was completed in a short period of time..."Employee quick to learn – demonstrated ability to research and report on moderately difficult assignments with minimum direction."

**Robert Ronald Collins, State Materials Research Engineer
Georgia Department of Transportation, '93, '91**



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