

March 2009

Puget Sound HOV Pre-Design Studies Final Report, May 1997

NOTES ON THE PDF FILES

This *Final Report* is a 234-page document with an additional set of 3 Appendices. There are forty graphics which form an integral part of the report. Many of the graphics needed to be scanned in at a fairly high resolution in order to be legible. The report has therefore been broken down into 15 sequential pdf's with the graphics integrated into the text. Chapters 2, 4, and 5 had to be broken into several parts. Each pdf is around 5 mb to help with ease of downloading.

The filenames are arranged sequentially as follows:

1. **PSHOVPDS-Beginning_thru_Chap1.** This includes the front cover, inside title page, Table of Contents, and Chapter 1: Introduction.
2. **PSHOVPDS-Chap2_Part1.** Summary Project Digest.
3. **PSHOVPDS-Chap2_Part2.** Summary Project Digest.
4. **PSHOVPDS-Chap2_Part3.** Summary Project Digest.
5. **PSHOVPDS-Chap2_Part4.** Summary Project Digest.
6. **PSHOVPDS-Chap3.** HOV Lanes: Evaluation of the Current WSDOT Core HOV Lane Program, General Purpose to HOV Lane Conversion, Central Seattle HOV Lane Analysis, and SR 522 Corridor Analysis.
7. **PSHOVPDS-Chap4_Part1.** HOV Direct Access Ramps & Flyer Stops.
8. **PSHOVPDS-Chap4_Part2.** HOV Direct Access Ramps & Flyer Stops.
9. **PSHOVPDS-Chap4_Part3.** HOV Direct Access Ramps & Flyer Stops.
10. **PSHOVPDS-Chap4_Part4.** HOV Direct Access Ramps & Flyer Stops.
11. **PSHOVPDS-Chap4_Part5.** HOV Direct Access Ramps & Flyer Stops.
12. **PSHOVPDS-Chap5_Part1.** Freeway-to-Freeway HOV Direct Connectors.
13. **PSHOVPDS-Chap5_Part2.** Freeway-to-Freeway HOV Direct Connectors.
14. **PSHOVPDS-Chap5_Part3.** Freeway-to-Freeway HOV Direct Connectors.
15. **PSHOVPDS-Chap6_thru_end.** This includes Chapter 6: HOV Safety and Enforcement; the Appendices: A–Glossary of Terms, B–Stakeholders and Participants, and C–Bibliography; and the back cover.

This document was formatted for two-sided printing. Some pages are therefore blank to enable chapters to begin on odd-numbered pages and to provide a backside for the numerous 11x17 graphics integrated throughout the report. Chapter 2 should be printed in color; the rest of the report is in black and white. All files meet accessibility requirements and have been size-optimized.

NOTES ON THE PRE-DESIGN STUDIES

This *Final Report* represents a summarization of a series of studies performed between 1994 and 1997. The studies encompassed a number of independent efforts which were grouped into two phases. Phase I was composed of system-wide and sub-area studies,

proposing improvements of a systemic and local nature, respectively. Phase II was designed to allow for supplementary work to address issues that were uncovered during Phase I. It also evaluated the proposals from a system analysis perspective, in order to determine a final set of proposed improvements, and included further sub-area studies which were determined to be necessary after completion of Phase II.

This *Final Report* presents and summarizes the findings from Phases I and II. It integrates the results of the individual studies into a system evaluation, and is intended as a decision document recommending projects to complete and integrate the regional HOV system. A summary of the findings and conclusions from each project study is included in this *Final Report*, and a complete listing of all studies produced over the life of the project is included in Appendix C.

The reader is referred to these individual studies for methodology and alternative development details. The individual studies are not available in electronic form. If interested in viewing them you may try contacting either myself or other WSDOT staff identified in Appendix B.

Please feel free to contact me with any further questions.

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