

24.0 LIST OF PREPARERS

24.1 Organizations

Federal Transit Administration
Federal Transit Administration PMOC
Hampton Roads Transit
HRT Program Management Consultant (Booz Allen Hamilton, CH2M Hill, Carter & Burgess)
URS Corporation
Parsons Brinckerhoff Quade & Douglas, Inc.
AECOM Transportation Consulting Group
Manuel Padron & Associates
Basile, Baumann, Prost & Associates, Inc.
Gray & Pape
Intermodal Engineering
Engineering Consulting Services, Ltd.
Aubrey Graham Associates
Rouse Sirine Associates, Ltd.
Single Source Consulting

24.2 Individual Preparers

Federal Transit Administration

Susan Borinsky, Regional Administrator, Region III

Ms. Borinsky provided technical guidance and FTA oversight in the development of the EIS.

Herman Shipman, Deputy Regional Administrator, Region III

Mr. Shipman provided oversight in the development of the EIS.

Patricia Kampf, Transportation Program Specialist, Region III

Ms. Kampf provided technical guidance and FTA oversight in the development of the EIS.

Sharon Pugh, FTA Headquarters

Ms. Pugh provided technical guidance and FTA oversight in the development of the EIS.

**Joseph Ossi, Community Planner, FTA Headquarters
Office of Planning**

Mr Ossi provided technical guidance and environmental oversight in the development of the EIS.

Nancy Greene, Regional Counsel, FTA Region III

Ms. Greene provided legal guidance in the development of the EIS.

Jim Ryan, FTA Headquarters

Mr. Ryan provided technical guidance and patronage forecasting oversight in the development of the EIS.

Ron Fisher, FTA Headquarters

Mr. Fisher provided technical guidance and patrons forecasting oversight in the development of the EIS.

Hampton Roads Transit

Jayne B. Whitney
Master of Urban and Regional Planning
B. A. Urban Affairs

Ms. Whitney serves as the Project Director for the Norfolk Light Rail Transit Project. She is the Vice President for Development for Hampton Roads Transit and is responsible for:

- Planning and program development
- Administration, implementation, and management of federal and state capital and planning projects involving design and construction, and special projects such as ITS development and passenger rail service.

Leslie S. Durrant, P.E.
B. S. Electrical Engineering
M. S. Applied Electronics

Mr. Durrant serves as the Director of Engineering for Hampton Roads Transit and is responsible for all aspects of engineering and design for Light Rail Transit projects.

Marie Arnt

Ms. Arnt serves as the Community Relations Manager for Hampton Roads Transit and is responsible for all aspects of public involvement for the Norfolk LRT project.

Clayton Ashby
B.A Political Science

Mr. Ashby is the Chief Planning Officer for Hampton Roads Transit and assisted in the preparation of the bus and rail service plans for the Baseline and Build alternatives

Eric Meyerson
B. A. Political Science

Mr. Meyerson is the head of all bus service planning for Hampton Roads Transit. Mr. Meyerson assisted in the development of the Transit Operations Plan.

HRT Program Management Consultant

Booz Allen Hamilton

Marcangelo Cruz
B.S. Mechanical Engineering

Mr. Cruz served as the PMC project controls manager and was responsible for tracking schedule and budget, QA/QC review, documentation, and technical review.

Nancy Houston
M.A. City Planning
B.S. Housing

Ms. Houston served as FEIS reviewer and assisted in the preparation of the HRT real estate acquisition guidelines.

Betty Laurs

Ms. Laurs served as FEIS reviewer and assisted in the Public Involvement process.

Don Schneck
B.S. Civil Engineering

Mr. Schneck served as FEIS reviewer, specifically for financial related components

CH2M Hill

John Coard, P.E.
B.S. Construction Management

Mr. Coard served as the Program Management Consultant (PMC) project manager and was responsible for overseeing the engineering, operations, and capital cost estimating for the final EIS.

Carter & Burgess

Julie E. Hunt

M.S. Biology
B.S. Biology

Ms. Hunt served as environmental review manager for the FEIS and was responsible for coordinating the QA/QC of the FEIS.

Warren Wright

M.S. Management
B.S. Business
I.S. Management

Mr. Wright served as FEIS reviewer and assisted in the Public Involvement process.

URS Corp.

Raymond Amoruso

Master of Urban Planning
B. A. Urban Studies

Mr. Amoruso served as the URS project manager and was responsible for overseeing the planning, rail and bus operations planning and the alternatives definition for the SDEIS and FEIS. He was also responsible for New Starts oversight and FTA regulatory requirements. These responsibilities included oversight of the operations, ridership, and land use/economic development subconsultants.

Dan Meyers, AICP

M.S. Urban Planning and Transportation Engineering
B. S. Urban Studies
B. A. Political Science

Dan Meyers was responsible for the oversight of all traffic analysis, traffic engineering and grade separation analysis. He was the primary author for Chapter 4.0 Transportation.

Eric Nelson, AICP, PP

Master of City and Regional Planning
B. S. Public Administration

Mr. Nelson was the principal author of the Purpose and Need (Chapter 1.0), Land Use (Chapter 3.0), and Neighborhoods and Environmental Justice (Chapter 5.0). Mr. Nelson is also responsible for the New Starts 5309 Report.

Stefan Armington, AICP, PP

Master of Urban Planning
B. A. Political Science

Mr. Armington was responsible for document control and production of the SDEIS and FEIS. He conducted environmental analyses, and was the author of Alternatives Considered (Chapter 2.0), Air Quality (Chapter 8.0), Noise and Vibration (Chapter 9.0), Parklands (Chapter 13.0), Section 4(f) (Chapter 14), Contamination (Chapter 15.0), Energy (Chapter 16.0), Cumulative Impacts (Chapter 18), Public Involvement (Chapter 21.0) and the Appendices. Mr. Armington also assisted with the preparation of the Summary, Neighborhoods and Environmental Justice (Chapter 5), Construction Impacts (Chapter 17.0), and Evaluation of Alternatives (Chapter 20).

Arijs Pakalns, AIA, AICP

B. S. Architecture

Mr. Pakalns was responsible for the preparation of the Visual Chapter 7.0. He provided oversight and supervision for the planning and design of the LRT station areas and station structures. He also was responsible for coordinating the preparation of station area presentation material and assisted with presentations in public meetings.

Lee Ann Walker

Master of Business Administration

B.F.A. in Graphic Design

Mrs. Walker provided graphic support for the SDEIS Public Hearings and the FEIS. In addition, Mrs. Walker was responsible for preparing graphics for public and agency coordination meetings.

Lydia Nelson

B. S. Biology

B. S. Soil Science

Licensed Soil Scientist

Ms. Nelson completed the background data collection and technical review for vegetation, wildlife, endangered species, and soils. She was responsible for the delineation of wetlands and design of wetland mitigation areas. She coordinated with local, state and federal agencies concerned with these subject areas. Ms. Nelson collected data and provided technical review for the water quality and floodplain analysis.

Ed Dullaghan, P.G.

M. S. Geology

B. S, Geology

Mr. Dullaghan managed the hazardous materials/contamination investigations and documentation for the FEIS.

John Crawford

B. S. Civil Engineering

Mr. Crawford was responsible for conducting the MOBILE5 air quality analyses.

James Kollbaum

B. S. Civil Engineering

Mr. Kollbaum collected traffic data and conducted traffic analyses for the development of Chapter 4, Transportation.

Paul Pattison, P.E.
B. S. Civil Engineering

Mr. Pattison served as the task leader in charge of track alignment, roadway design, and scheduling. He coordinated with several of the other task leaders to determine project impacts.

Parsons Brinckerhoff Quade & Douglas, Inc.

Mozell Braddy

Mr. Braddy served as engineering task leader, and was responsible for supervising the development of alignment plans, capital cost estimates and other engineering studies.

Dave Hall
B.S. Architecture

Mr. Hall was responsible for conceptual drawings of the LRT station sites and associated development.

Shamoun Mahgareftah, P.E.
B. S. Civil Engineering

Mr. Mahgareftah was responsible for the capital cost estimates for the LRT project.

Mike Becher, P.E.
M. S. Engineering
B. S. Electrical Engineering

Mr. Becher was responsible for systems engineering for the LRT project.

Glen Bottomley
BESET Civil Engineering

Mr. Bottomley was responsible for all aspects of drainage for the LRT project.

Beth Anderson, P.E.
B. S. Civil Engineering

Ms. Anderson was responsible for all aspects of utilities for the LRT project.

AECOM Transportation Consulting Group

Bill Woodford
M. S. Civil Engineering
B. S. Civil Engineering

Mr. Woodford was the principal leader on the patronage forecasting effort

Patrick Coleman
M.S. Engineering
B.S. Civil Engineering

Mr. Coleman provided travel demand forecasting services for the SDEIS and FEIS. Mr. Coleman recalibrated the HRPDC regional model. Mr. Coleman was the primary author of the travel demand methods and results sections of these documents.

Scott Baker
MBA
A. B. Latin
J. D.

Mr. Baker was the principal author of the financial plan for the SDEIS and FEIS.

Chad Edison
M.P.P. International Trade and Finance
B.A. Political Science

Mr. Edison was responsible for the financial chapter for the SDEIS and FEIS, including the 20-year cash flow analysis.

Manuel Padron & Associates

James Baker
Masters in City Planning
B. S. Community and Regional Planning

Mr. Baker was responsible for defining the bus and rail operating plans for the TSM and LRT Build Alternatives of the SDEIS and FEIS. The operating plans are documented in the *Transit Operations Plans and O&M Cost Results Report*, which were used as the input into the EIS documents.

J. Phillip Boyd
M. S. Civil Engineering
B. S. Civil Engineering

Mr. Boyd was responsible for developing bus and rail O&M cost models that were used to estimate O&M costs for the TSM and LRT Build Alternatives of the SDEIS and FEIS. Mr. Boyd prepared *the O&M Cost Methodology Report* that was used as input into the SDEIS and FEIS.

Basile, Baumann, Prost & Associates, Inc.

James L. Prost, AICP, Principal
Master in Urban & Regional Planning (MURP)
B. A. Government and Economics

Mr. Prost provided oversight and supervision for the development of statistical data on population and employment, and economic development analysis in support of the Land use Chapter and the New Starts

Section 5309 Report.

David Starnes

Master in Urban & Regional Planning (MURP)
B. A. Government and Economics

Mr. Starnes was responsible for developing the land use sections of the New Starts Section 5309 Report.

Gray & Pape

Brad Bowden

M.S. Anthropology
B.A. Sociology/Anthropology

Mr. Bowden co-authored the cultural resources survey to support the EIS. Mr. Bowden acted as co-principal investigator on the project, which involved overseeing all field operations, authoring overview sections of the technical report, authoring archaeology sections of the technical report with the exception of the field results, and coordinating technical report production with graphics and editing support staff. Mr. Bowden was responsible for conducting the Section 106 process, writing the Programmatic Agreement, and coordinating with the Virginia Department of Historic Resources and the Advisory Council on Historic Preservation.

Ashley M. Neville

B. A. Historic Preservation

Ms. Neville co-authored the cultural resources survey to support the SDEIS. Ms. Neville acted as co-principal investigator on the project, which involved architectural field investigations and authoring architectural sections of the technical report and coordinating report production with graphics and editing support staff.

Intermodal Engineering

Valerie J. Henchel, P.E.

M. B. A.
B. S. Civil Engineering

Ms. Henchel provided data collection services that were utilized for the traffic impact analysis for this EIS. Data collection included manual and automatic traffic counts, as well as coordination with local municipalities and VDOT.

Engineering Consulting Services, Ltd.

Gary Witsman, P.E.

M. S. Civil Engineering
B. S. Civil Engineering

Mr. Witsman supervised the geotechnical data gathering and analysis for the LRT alignments, in support of the FEIS.

Aubrey Graham & Associates

Aubrey Graham

M. A. I.

Mr. Graham was responsible for appraising real estate values for the Right-of-Way cost estimates.

Rouse Sirine Associates, Ltd.

Donald W. Shackelford, L.S.

Professional Land Surveyor

Mr. Shackelford supervised the aerial mapping, field augmentation, control survey, and ROW survey for the various EIS alternatives.

Single Source Consulting

Gwendolyn Singletary

M. A. Business Administration

B. A. Journalism

Ms. Singletary was responsible for leading the public involvement effort for the FEIS