

Fall 2005

ROADS



Turner-Fairbank Highway Research Center

Organizational and Expertise Directory



U.S. Department of Transportation
Federal Highway Administration

the first of these is the fact that the system is not a simple one. It is a complex system, and the behavior of the system is not linear. The second is that the system is not a simple one. It is a complex system, and the behavior of the system is not linear.

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Office of Research, Development, and Technology

Federal Highway Administration

Office of Research, Development, and Technology
Turner-Fairbank Highway Research Center
6300 Georgetown Pike, McLean, VA 22101



The Federal Highway Administration (FHWA) Office of Research, Development, and Technology (RD&T) is organized into 7 offices with 15 teams of experts in more than 30 transportation-related disciplines. Three research and development (R&D) offices—Operations, Safety, and Infrastructure—conduct R&D to continually improve highway operations and intelligent transportation systems (ITS), safety, and infrastructure, respectively. The Office of Program Development and Evaluation develops and

Who we are and what we do

executes policy, budget, program management, and administrative mechanisms to help FHWA carry out a nationwide research and technology (R&T) program. The Office of Research and Technology Services develops and executes a comprehensive RD&T communications strategy and marketing plan that supports FHWA R&T programs and technology transfer and delivery. The Office of Resource Management provides administrative services for RD&T.

RD&T also manages the FHWA R&T Program, which directly supports the goals of the U.S. Department of Transportation (USDOT) to invest strategically in transportation infrastructure, promote safe and secure transportation, enhance our environment, and create

new alliances between the Nation's transportation and technology industries. The proposed Office of Corporate Research and Technology will support the FHWA R&T Program.

In virtually everything we do, we coordinate and/or collaborate extensively with other FHWA and DOT offices, State and local government partners, academic organizations, companies in the industry, military research offices, and professional organizations. In an effort to involve stakeholders and partners, and improve RD&T, FHWA is implementing a Corporate Master Plan that centers around Agency commitments and principles.

See RD&T fiscal year (FY) 2003 product and service descriptions and year-end statuses in the *Office of Research, Development, and Technology FY 2004 Performance Report*. Find a listing and descriptions of FY 2004–05 products and services in the *RD&T FY 2004/2005 Performance Plan*. The performance plan and report are available on the Turner-Fairbank Highway Research Center (TFHRC) Web site (www.tfhrc.gov).

We are proud of our contributions, products, and services that quickly and cost-effectively accelerate and transform new technologies and concepts into better transportation systems, processes, and services. With our partners, we improve our national quality of life. To be successful, we must respond to the needs of our national transportation system and its users—society at large. We meet the challenge by constantly emphasizing and demonstrating innovation.

RESEARCH THAT IS ESSENTIAL, INDISPENSABLE, AND CONNECTED TO OUR CUSTOMERS.

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FEDERAL HIGHWAY ADMINISTRATION

Office of the Administrator*

Assistant Secretary for Budget & Programs

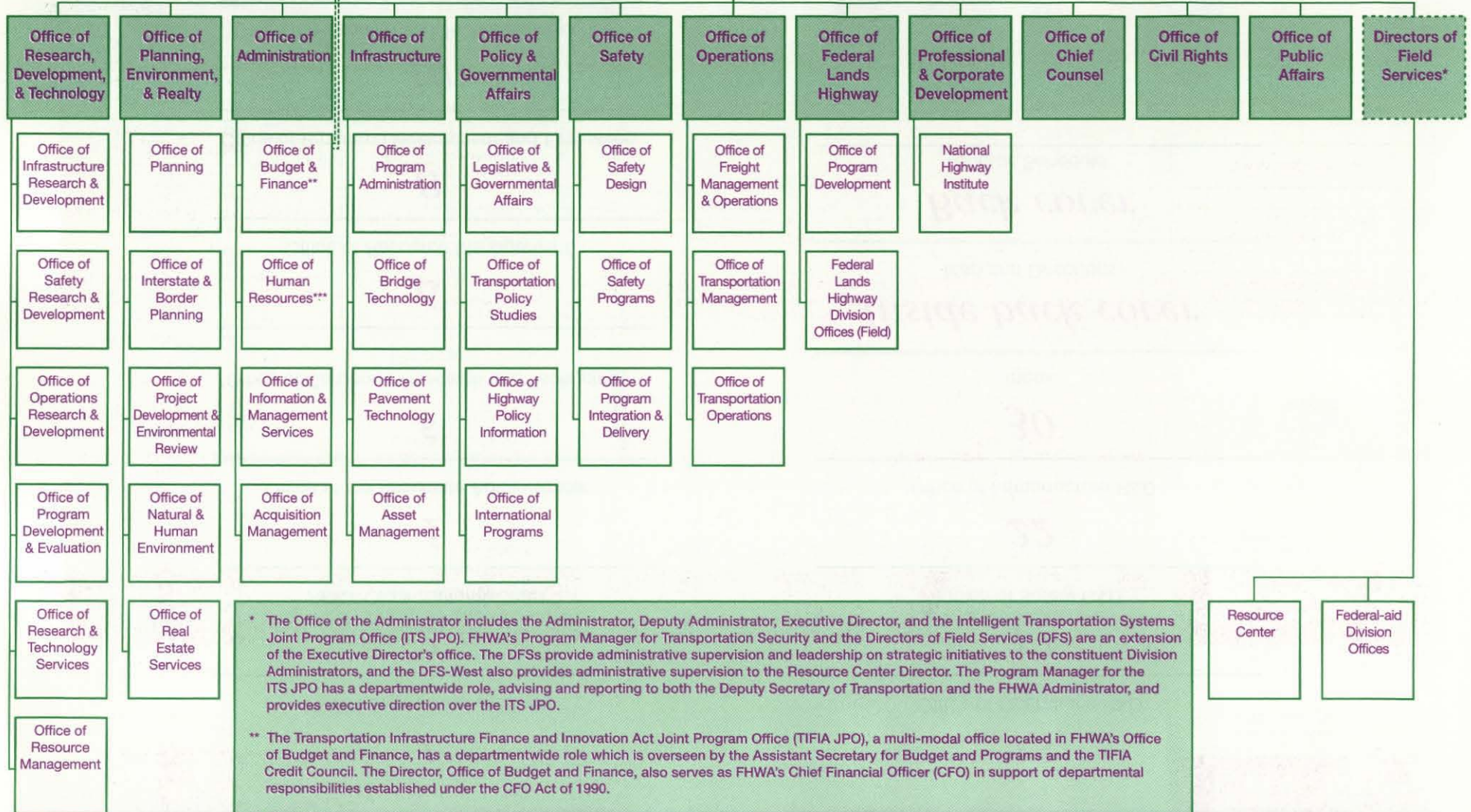
TIFIA Credit Council

Deputy Secretary

ITS Management Council

Program Manager for Transportation Security*

Program Manager for the ITS JPO*



* The Office of the Administrator includes the Administrator, Deputy Administrator, Executive Director, and the Intelligent Transportation Systems Joint Program Office (ITS JPO). FHWA's Program Manager for Transportation Security and the Directors of Field Services (DFS) are an extension of the Executive Director's office. The DFSs provide administrative supervision and leadership on strategic initiatives to the constituent Division Administrators, and the DFS-West also provides administrative supervision to the Resource Center Director. The Program Manager for the ITS JPO has a departmentwide role, advising and reporting to both the Deputy Secretary of Transportation and the FHWA Administrator, and provides executive direction over the ITS JPO.

** The Transportation Infrastructure Finance and Innovation Act Joint Program Office (TIFIA JPO), a multi-modal office located in FHWA's Office of Budget and Finance, has a departmentwide role which is overseen by the Assistant Secretary for Budget and Programs and the TIFIA Credit Council. The Director, Office of Budget and Finance, also serves as FHWA's Chief Financial Officer (CFO) in support of departmental responsibilities established under the CFO Act of 1990.

*** The DOT Automated Staffing Group, which is organizationally located within FHWA's Office of Human Resources, serves as the Department's "executive agent" for providing "one-stop" employment services to all job applicants applying for positions advertised through the DOT automated staffing system. Working with modal human resources offices, this Group provides automated staffing, delegated examining unit, and related human resources services.

HRT

HRTC

HRRM

RESEARCH, DEVELOPMENT, AND TECHNOLOGY

Dennis Judycki, Associate Administrator*

Office of Corporate Research and Technology**
Debra Elston, Director

Office of Resource Management
Doreen McCarthy, Director

Leadership Council

HRDI

HRDS

HRDO

HRPD

HRTS

Office of Infrastructure R&D
Gary Henderson, Director

Steve Chase, Research Program Manager for Infrastructure
Richard Livingston, Advanced Research Coordinator
Ian Friedland, Technical Director, Bridge and Structures R&D
Cheryl Richter, Technical Director, Pavement R&D
Vacant, Program Coordinator

Office of Safety R&D
Michael Trentacoste, Director

Mike Griffith, Advanced Research Team Technical Director
Susanna Hughes-Reck, Technology Facilitator

Office of Operations R&D
Toni Wilbur, Director

Robert Ferlis, Technical Director for Operations

Office of Program Development and Evaluation
Marci Kenney, Director

Tom Krylowski, Senior Program Manager
Donna McEnrue, Quality Coordinator, Laboratory Assessment Program Manager

Office of Research and Technology Services
John McCracken, Director

- Bridge Design and Construction Team
Bill Wright, Team Leader
- Bridge Safety, Reliability, and Security Team
Sheila Duwadi, Team Leader
- Infrastructure Inspection and Mgmt. Team
Joey Hartmann, Team Leader
- Pavement Materials and Construction Team
Tom Harman, Team Leader
- Pavement Design and Performance Modeling Team
Katherine Petros, Team Leader
- Long-Term Pavement Performance Team
Aramis López, Team Leader

- Roadside Team
Ken Opiela, Team Leader
- Roadway Team
Ray Krammes, Team Leader
- Safety Management Team
Carol Tan, Team Leader
- Human Centered Systems Team
Tom Granda, Team Leader

- Travel Management Team
Raj Ghaman, Team Leader
- Enabling Technologies Team
Gene McHale, Team Leader

- Strategic Communications Team
Martha Soneira, Team Leader
- Technology Marketing Team
Terry Halkyard, Team Leader
- Technical Reference Center
- R&T Product Distribution Center

* The Associate Administrator for Research, Development, and Technology also directs Turner-Fairbank Highway Research Center.
** Proposed office.

September 2005



Office of the Associate Administrator

Fax: 202-493-3170

Office of the Associate Administrator, HRT-1

Dennis Judycki

Associate Administrator/Director of TFHRC

202-493-3999 · dennis.judycki@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- National Highway Research and Technology (R&T) Partnership leadership development and coordination
- Corporate facilitation and coordination of research, technology, and innovation deployment
- Advancement of Agency's strategic mission and role of "Innovators for a Better Future"

BACKUP PERSON

Michael Trentacoste

Jean Landolt

Secretary

202-493-3999 · jean.landolt@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Administrative support

MAJOR PROJECTS

- Office management

BACKUP PERSON

Elke Lower

Office of Corporate Research and Technology (Proposed)

Fax: 202-493-3475

Office of Corporate Research and Technology, HRTC-01

Debra Elston

Director

202-493-3181 · debra.elston@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- FHWA leadership liaison to "Raise the Bar" on research and deployment of technology and innovation (T&I)

MAJOR PROJECTS

- FHWA Corporate Master Plan for Research and Deployment of T&I
- Leadership and communication for Corporate Master Plan

BACKUP PERSON

Joe Conway

Danielle E. Tope

Administrative Assistant (Contractor)

202-493-3190 · danielle.tope@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Administrative and team support for corporate R&T

MAJOR PROJECTS

- Support advanced research agenda project
- Support integrated information system
- Support Office Director

Joe Conway

Transportation Specialist

202-493-3186 · joe.conway@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Research, T&I deployment strategies

MAJOR PROJECTS

- FHWA Corporate Master Plan for Research and Deployment of T&I
- Priority, Market-Ready Technologies and Innovations
- Research and Technology Multiyear Plans (Roadmaps)

BACKUP PERSON

Debra Elston

Ariam Asmerom

Transportation Specialist

202-493-3469 · ariam.asmerom@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- FHWA R&T Performance Measurement Framework
- FHWA mission oriented advanced research agenda

MAJOR PROJECTS

- Advanced research process and plan
- Corporate Master Plan performance measures

BACKUP PERSON

Joe Conway

John F. Munro

Research and Technology Systems Analyst

202-493-3368 · john.munro@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- R&T Information System
- R&T Knowledge Management
- Development of Scientific Peer Review Guidance

MAJOR PROJECTS

- Integrated Information System for monitoring and communicating the development and deployment of the Corporate Master Plan
- Departmental procedures for implementing OMB Peer Review Guidance
- Website development and template

BACKUP PERSON

Debra Elston

TaMara McCrae

Communications and Marketing Specialist

202-493-3382 · tamara.mccrae@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Corporate R&T communications

MAJOR PROJECTS

- Communications plan development
- Corporate R&T report
- Priority T&I communication materials

BACKUP PERSON

Joe Conway

Office of Resource Management

Fax: 202-493-3478

Office of Resource Management, HRRM-01

Doreen McCarthy

Director

202-493-3175 · doreen.mccarthy@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Director

MAJOR PROJECTS

- Leadership in management planning and TFHRC business operations

BACKUP PERSON

Richard Collins

Angela Lee

Administrative Assistant (Contractor)

202-493-3175 · angela.lee@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Administrative support

MAJOR PROJECTS

- Office management

Richard Collins

Accountant

202-493-3179 · richard.collins@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- R&T budget execution
- Financial management policy reviews
- Delphi review and research

MAJOR PROJECTS

- Financial Management of RD&T allotments, including accounting research, reconciliation, and reporting

BACKUP PERSON

Diana Martin

Georgia Curtis

Administrative Management Specialist

202-493-3180 · georgia.curtis@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Activity 10 budget execution
- Travel management
- Administrative support
- Contract administration and oversight

MAJOR PROJECTS

- Activity 10, research, reconciliation, and reporting
- COTR for clerical support contract
- Travel oversight and consultation

BACKUP PERSON

Freddie Forster

Diana Martin

Program Analyst

202-493-3168 · diana.martin@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Financial management
- Acquisition review
- IT support oversight

MAJOR PROJECTS

- RD&T accounts research, reconciliation, and reporting
- COTR for IT support contract and Accounting Services Contract
- Procurement request/solicitation review
- Management Cost Accounting (MCA)

BACKUP PERSON

Sue Stanton

Carol Roberts

Administrative Management Specialist

202-493-3185 · carol.roberts@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Human resource management

MAJOR PROJECTS

- Human resource management and consultation
- Workforce planning
- Competitive Sourcing Program implementation

BACKUP PERSON

Doreen McCarthy

Freddie Forster

Administrative Management Specialist

202-493-3298 · freddie.forster@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- RD&T employee development
- Purchase Card program oversight
- Accounting research and reconciliation

MAJOR PROJECTS

- RD&T Purchase Card program manager
- RD&T training manager
- Financial management assistance

BACKUP PERSONS

Carol Roberts
Georgia Curtis

Denise Seward

Administrative Management Specialist

202-493-3471 · denise.seward@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Accountable property and inventory
- Performance measurement

MAJOR PROJECTS

- Accountable property management
- Performance management team

BACKUP PERSON

Georgia Curtis

Office of Program Development
and Evaluation, HRPD-01

(continued)

Joe Parks

Research and Technology Program Analyst

202-493-3414 · jowell.parks@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Performance planning
- Performance measures
- R&T strategic planning support
- Support for OST-level and multimodal R&T coordination
- Staff focal point for Office of Management and Budget (OMB) Program Assessment Rating Tool (PART) and interagency research program reviews
- FHWA Small Business Innovation Research (SBIR) program manager

MAJOR PROJECTS

- RD&T Performance Plan
- RD&T Performance Management Working Group
- RD&T performance measures
- FHWA input into USDOT R&D Strategic Plan
- Staff support for USDOT RD&T Program Review Working Group

BACKUP PERSON

Donna McEnrue

Lisa Williams

Program Analyst/
Transportation Pooled Fund (TPF) Coordinator

202-493-3376 · lisa.williams@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Promotion and administration of the TPF Program

MAJOR PROJECTS

- Management of TPF Program
- FHWA liaison for TPF projects
- TPF Web site updates
- TPF Program annual report
- Briefings and training on TPF Program

BACKUP PERSON

Bill Zaccagnino

Office of Research and Technology Services

John McCracken, Director

Strategic Communications Team

Martha Soneira, Team Leader

Technology Marketing Team

Terry Halkyard, Team Leader

Office of Research and Technology Services

Fax: 202-493-3475

Office of Research and Technology Services, HRTS-01

John McCracken

HRTS-01, Director

202-493-3422 · john.mccracken@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Leadership
- Budget planning
- Communications strategy

MAJOR PROJECTS

- T&I delivery
- R&T story

BACKUP PERSON

Martha Soneira

Kimberly Williams

Administrative Assistant (Contractor)

202-493-3423 · kimberly.williams@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Administrative support to the Office Director; Strategic Communications Team; and the Technology Marketing Team

MAJOR PROJECTS

- Office activities scheduling
- Office materials proofreading
- Correspondence control/routing organization

Strategic Communications Team, HRTS-02

Martha Soneira

Team Leader

202-493-3468 · martha.soneira@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Communications leadership
- Budget/quality coordination
- Communications consulting
- *Public Roads* Editor-in-Chief
- *R&T Transporter* Managing Editor

MAJOR PROJECTS

- Communication support services management
- R&T marketing/communications network liaison
- Engineers Week and Future City coordination
- Office liaison for Infrastructure R&D
- CLEAR Communications Committee
- TFHRC Communication Plan

BACKUP PERSON

Paula Magoulas

Paula Magoulas

Transportation Specialist

202-493-3398 · paula.magoulas@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Communication Projects Coordinator
- Communication Support Service Coordinator
- Communication/graphic consultation
- *Public Roads* Creative Director

MAJOR PROJECTS

- Communication support services management
- Communication projects coordination
- Office liaison for Program Development and Evaluation

BACKUP PERSON

Martha Soneira

Dawn Vanlandingham

Writer/Editor

202-493-3198 · dawn.vanlandingham@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- R&T multimedia and Web publishing
- TFHRC Web site management
- *Public Roads* Managing Editor
- Success story coordination

MAJOR PROJECTS

- Communications projects coordination
- Office liaison for Safety R&D and Program Development and Evaluation

BACKUP PERSON

Martha Soneira

Technology Marketing Team, HRTS-03

Terry Halkyard

Team Leader

202-493-3467 · terry.halkyard@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Technology marketing leadership
- Budget/quality coordination
- Electronic imaging library

MAJOR PROJECTS

- R&T Web site management
- Management of Highway Innovation Technology Evaluation Center Cooperative Agreement

BACKUP PERSON

Kevin Connor

Kevin Connor

Transportation Specialist

202-493-3187 · kevin.connor@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- R&T Product Distribution Center Manager
- *Technology and Innovation* Managing Editor
- FHWA exhibit services support
- Multimedia technology
- Microsoft® PowerPoint® presentation assistance

MAJOR PROJECTS

- R&T Product Distribution Center
- Digital video and photography technology management
- Office liaison for Infrastructure R&D and Safety R&D

BACKUP PERSON

Terry Halkyard

Zachary Ellis

Publishing Specialist

202-493-3193 · zachary.ellis@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Conference and Publishing Services Contract Manager
- R&T multimedia publishing
- Information fulfillment
- Photography
- *Focus* newsletter Managing Editor

MAJOR PROJECTS

- Technical Reference Center management
- Special Libraries Association
- Office liaison for Operations R&D

BACKUP PERSON

Terry Halkyard

R&T Publications Support

Carlton Brigham

Onsite Manager (Contractor)

301-577-0818 · report.center@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- R&T Product Distribution Center, Lanham, MD

BACKUP PERSON

Kevin Connor

Technical Reference Center

Jennifer Boteler

Librarian (Contractor)

202-493-3272 · jennifer.boteler@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Technical Reference Center Manager
- Reference, Interlibrary Loan

BACKUP PERSON

Velma Mackall

Velma Mackall

Library Technician (Contractor)

202-493-3205 · velma.mackall@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Technical Reference Center Collection Support

BACKUP PERSON

Jennifer Boteler

Office of Operations R&D

Toni Wilbur, Director

**Robert Ferlis,
Technical Director for Operations**

Travel Management Team
Raj Ghaman, Team Leader

Enabling Technologies Team
Gene McHale, Team Leader

Office of Operations R&D

Fax: 202-493-3419

Office of Operations R&D, HRDO-01

Toni Wilbur

HRDO-01, Director

202-493-3303 · toni.wilbur@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Leadership of Operations R&D
- Transportation management and operations improvement through research, development, and testing
- Identification of future opportunities

MAJOR PROJECTS

- Office business plan
- Surface transportation security and reliability information system model deployment
- Vehicle infrastructure integration (VII)

BACKUP PERSON

Robert Ferlis

Vacant

Administrative Assistant

202-493-3303

PRIMARY RESPONSIBILITIES

- Administrative support

MAJOR PROJECTS

- Office management

Technical Director, HRDO-02

Robert Ferlis

Technical Director

202-493-3268 · robert.ferlis@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Coordination of project team activities with FHWA's Strategic Plan and Performance Plan goals and objectives
- Technical advice for project teams
- Customer/partner feedback
- RD&T product deployment

MAJOR PROJECTS

- Unit planning
- ITS support
- Advanced mobility systems
- Liaison to headquarters and field offices
- Vehicle-Highway Automation
- Vehicle-Infrastructure Integration (VII)

BACKUP PERSON

Raj Ghaman

Travel Management Team, HRDO-03

Raj Ghaman

Team Leader

202-493-3270 · raj.ghaman@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Program management and development
- Contract management
- Technical direction
- Team management and leadership

MAJOR PROJECTS

- Adaptive control hardware and software development including national standards
- National Highway Institute course instruction
- Dynamic control software
- Adaptive Control Software (ACS) "Lite"
- Traffic management center (TMC) pooled fund

BACKUP PERSON

Deborah Curtis

Henry Lieu

Highway Research Engineer

202-493-3273 · henry.lieu@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Development of Dynamic Traffic Assignments (DTA) Systems
- Capacity and level of service
- Infrastructure security
- Weather

MAJOR PROJECTS

- DTA and traffic flow theory
- Technical support and program management
- Software testing
- Adverse weather traffic operations

BACKUP PERSONS

Raj Ghaman
Deborah Curtis

Travel Management Team, HRDO-03

(continued)

Deborah Curtis

Highway Research Engineer

202-493-3267 · deborah.curtis@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- ACS, ramp metering, ACS evaluation, and operation of work zones
- Advanced research
- Freight analysis and modeling

MAJOR PROJECTS

- Ramp metering for recurring and nonrecurring congestion
- Strategic Work Zone Analysis Program
- QuickZone

BACKUP PERSON

Raj Ghaman

James Colyar

Highway Research Engineer

202-493-3282 · james.colyar@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Freeway operations
- Transit priority/pre-emption
- Traffic analysis tools
- Traffic modeling and simulation
- Next Generation Simulation Modeling (NGSIM)
- Evacuations

MAJOR PROJECTS

- Transit operations enhancements
- Weather effects on system operations
- Next generation of simulation software
- Traffic software integrated system maintenance

BACKUP PERSON

Raj Ghaman

Dale Thompson

Transportation Specialist

202-493-3420 · dale.thompson@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Operations partnerships
- Access management
- Performance measures and data quality

MAJOR PROJECTS

- TMC pooled fund
- Integrated corridor management systems

BACKUP PERSON

Raj Ghaman

Randall VanGorder

Highway Research Engineer

202-493-3266 · randall.vangorder@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Traffic Research Laboratory (TReL) development and management
- Incident management
- Intelligent Vehicle Initiative (IVI) specialty vehicles
- Technology facilitation

MAJOR PROJECTS

- Manage TReL
- Development of TReL integrated environment
- TReL Strategic Plan development
- Specialty vehicle field operational test with Minnesota DOT

BACKUP PERSON

Raj Ghaman

Enabling Technologies Team, HRDO-04

Gene McHale

Team Leader

202-493-3275 · gene.mchale@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Sensor-friendly vehicle and roadway methods
- Technical direction
- Team management and leadership
- Infrastructure Consortium

MAJOR PROJECTS

- Cooperative intersection collision avoidance systems (CICAS)
- Cooperative roadway departure crash avoidance systems

BACKUP PERSON

Peter Huang

James Arnold

Electronic Engineer

202-493-3265 · james.a.arnold@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Global positioning system (GPS)
- Dedicated short-range communication (DSRC)

MAJOR PROJECTS

- Nationwide Differential GPS (NDGPS) and High-Accuracy NDGPS
- Technical support to ITS communications systems

BACKUP PERSON

Rudy Persaud

Enabling Technologies Team, HRDO-04

(continued)

David Gibson

Highway Research Engineer

202-493-3271 · david.gibson@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Advanced and innovative research
- University research liaison
- Traffic sensors and detection

MAJOR PROJECTS

- Sensors and controllers for cooperative intersection collision avoidance systems (CICAS)
- University Research Centers of Excellence

BACKUP PERSON

Gene McHale

Peter Huang

Highway Research Engineer

202-493-3484 · peter.huang@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- IVI enabling research
- Intersection collision avoidance

MAJOR PROJECTS

- Technologies for cooperative intersection collision avoidance systems (CICAS) testing and evaluation
- Infrastructure-based intersection collision avoidance experimental tests with State departments of transportation
- ITS applications for work zones

BACKUP PERSON

David Gibson

Rudy Persaud

Highway Research Specialist

202-493-3391 · rudy.persaud@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Road weather management
- Rural ITS
- GPS

MAJOR PROJECTS

- Winter maintenance decision support systems
- Environmental sensor stations investments
- NDGPS deployment

BACKUP PERSON

James Arnold

Office of Safety R&D

Michael Trentacoste, Director

Michael Griffith,
Technical Director for Safety
Advanced Research Team

Susanna Hughes-Reck,
Technology Facilitator

Roadside Team

Ken Opiela, Team Leader

Roadway Team

Ray Krammes, Team Leader

Safety Management Team

Carol Tan, Team Leader

Human Centered Systems Team

Tom Granda, Team Leader

Office of Safety R&D

Fax: 202-493-3170 (HRDS-01) • Fax: 202-493-3170 (HRDS-02, HRDS-06, HRDS-07) • Fax: 202-493-3417 (HRDS-04, HRDS-05)

Office of Safety R&D, HRDS-01

Michael Trentacoste

HRDS-01, Director

202-493-3260 · michael.trentacoste@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Advocacy for a nationally coordinated Safety R&D Program
- Development of FHWA Safety R&D Program
- Advanced research program leadership

MAJOR PROJECTS

- F-SHRP Safety coordination
- FHWA Safety R&T Roadmap development
- RD&T Leadership Council efforts to improve TFHRC
- Facilitation of Safety R&D product and service deployments
- Advanced research planning and implementation process

BACKUP PERSON

Michael Griffith

Elke Lower

HRDS-01, Secretary

202-493-3260 · elke.lower@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Administrative support

MAJOR PROJECTS

- Office management

Advanced Research Team, HRDS-02

Michael Griffith

Technical Director

202-493-3316 · mike.griffith@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Safety R&D Program coordination
- Direction and delivery of FHWA Safety R&D Program
- Technical oversight and guidance

MAJOR PROJECTS

- National Highway R&T Partnership Initiative-Safety
- SafetyAnalyst project
- Highway safety manual

BACKUP PERSON

Ray Krammes

Susanna Hughes-Reck

Technology Facilitator

202-493-3313 · susanna.hughesreck@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Technology transfer and marketing safety products
- Customer feedback

MAJOR PROJECTS

- Technology facilitation strategy development
- Customer satisfaction survey

BACKUP PERSON

Michael Griffith

Pete Mills

Electronic Engineer

202-493-3338 · pete.mills@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Advanced research
- Sensors
- Electromagnetics
- Simulation

MAJOR PROJECTS

- Digital highway measurements van
- Software testing
- Pattern recognition algorithms development

BACKUP PERSON

Mort Oskard

Mort Oskard

Operations Research Engineer

202-493-3339 · mort.oskard@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Advanced research
- Data visualization
- Inverse analysis
- Roadside safety

MAJOR PROJECTS

- Optimization and inverse roadside safety analysis
- Simulation modeling research and development
- Rollover causation and reduction study

BACKUP PERSON

Pete Mills

Advanced Research Team, HRDS-02

(continued)

Cara Wood

Administrative Assistant (Contractor)

202-493-3372 · cara.wood@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Administrative support

MAJOR PROJECTS

- Support for Technical Director, Human Centered Systems (HCS) Team, and Safety Management Team

Thelma Moore

Administrative Assistant (Contractor)

202-493-3322 · thelma.moore@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Administrative support

MAJOR PROJECTS

- Support for Roadside and Roadway Teams
-

Roadside Team, HRDS-04

Ken Opiela

Team Leader

202-493-3371 · kenneth.opiela@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Roadside Team management
- Management of FHWA/NHTSA National Crash Analysis Center (NCAC)
- Develop and execute roadside safety R&D plan and disseminate results
- Coordinate crash analysis efforts with partner agencies

MAJOR PROJECTS

- Develop and maintain finite element (FE) models of vehicles and roadside elements for crash simulation
- Support efforts related to national crashworthiness standards
- Analysis and design of physical infrastructure protection

BACKUP PERSON

Martin Hargrave

Martin Hargrave

Research Mechanical Engineer

202-493-3311 · martin.hargrave@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Management of the Federal Outdoor Impact Laboratory (FOIL), a vehicle crash test laboratory used to support finite element analysis (FEA)
- Improvements to dynamic FEA software, a computer based technology used to design crashworthy roadside safety structures and predict vehicle crash outcomes
- Cooperative support of Technical Centers throughout the Nation to apply cutting-edge FEA technology to real-world safety problems
- Application of new materials (high performance composites) for roadside safety devices
- Side-impact test procedures and development of countermeasures

MAJOR PROJECTS

- Software to determine FEA material model coefficients from test data
- Composite material guardrail system development
- Lower cost placement of underground utilities on roadway right-of-ways

BACKUP PERSON

Ken Opiela

Vacant

Structural Engineer

PRIMARY RESPONSIBILITIES

- Coordinate the development and testing of improved traffic barriers
 - Assist in the management of the Federal Outdoor Impact Laboratory (FOIL)
 - Develop fine element analysis (FEA) applications to address roadside problems
-

Roadway Team, HRDS-05

Ray Krammes

Team Leader

202-493-3312 · ray.krammes@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Roadway Team Leader
- Geometric design and safety

MAJOR PROJECTS

- Interactive Highway Safety Design Model (IHSDM)

BACKUP PERSON

Joe Bared

Carl Andersen

Physicist

202-493-3366 · carl.andersen@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Arens Photometric and Visibility Laboratory
- Roadway visibility research

MAJOR PROJECTS

- Night visibility enhancement
- Roadway visibility modeling
- Traffic signal light improvement
- Visibility and lighting research

BACKUP PERSON

Ray Krammes

Joe Bared

Highway Research Engineer

202-493-3314 · joe.bared@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Intersection safety and operations
- Safety and geometric design

MAJOR PROJECTS

- Implementation of surrogate safety assessment methods in traffic simulation models
- Safety and operational evaluation of alternative intersection and interchange designs

BACKUP PERSON

Ray Krammes

Vacant

Highway Research Engineer

202-493-3369

PRIMARY RESPONSIBILITIES

- Traffic engineering and safety

MAJOR PROJECTS

- Speed management research program

BACKUP PERSON

Ray Krammes

Vacant

Highway Research Engineer

PRIMARY RESPONSIBILITIES

- Visibility
- Traffic control devices
- Intersection safety

MAJOR PROJECTS

- Pavement marking retroreflectivity needs
- Work zone safety
- Traffic control devices research

BACKUP PERSON

Ray Krammes

Safety Management Team, HRDS-06

Carol Tan

Team Leader

202-493-3315 · carol.tan@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Highway safety analysis
- Highway safety data
- Geometric design and safety
- Geographic Information System safety applications
- Safety management systems
- Safety/Analyst development support

MAJOR PROJECTS

- Activities involving Highway Safety Information System (HSIS)
- Crash Prediction Algorithm of IHSDM

BACKUP PERSON

Mike Griffith

Vacant

Transportation Specialist

PRIMARY RESPONSIBILITIES

- Traffic Engineering and Safety
- Highway Safety Analysis

MAJOR PROJECTS

- Rollover Causation Study

BACKUP PERSON

Carol Tan

Kerry Perrillo Childress

Highway Research Engineer

202-493-3318 · kerry.childress@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Traffic engineering and safety

MAJOR PROJECTS

- AASHTO Strategic Highway Safety Plan
- Roadside/roadway hardware asset management
- Countermeasure evaluation

BACKUP PERSON

Carol Tan

Human Centered Systems Team, HRDS-07

Thomas M. Granda

Team Leader, Engineering Research Psychologist

202-493-3365 · thomas.granda@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Human Centered Systems (HCS) program development
- HCS technical support coordination

MAJOR PROJECTS

- HCS safety research program
- HCS operations research program
- TMC Pooled Fund Study

BACKUP PERSON

Joe Moyer

Ann Do

Highway Research Engineer

202-493-3319 · ann.do@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Pedestrian and bicycle safety
- Geometric design and safety

MAJOR PROJECTS

- Pedestrian and Bicycle Safety Research Program

BACKUP PERSON

Tom Granda

Gregory Davis

Engineering Research Psychologist

202-493-3367 · gregory.davis@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Human Centered Systems safety research
- Intelligent highway countermeasures
- Safety R&D task order contract

MAJOR PROJECTS

- Human factors research on novel intersection designs
- Accessibility issues at intersections
- Cooperative intersection collision avoidance systems (ICAS)

BACKUP PERSON

Tom Granda

Joe Moyer

Engineering Research Psychologist

202-493-3370 · joe.moyer@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Human Centered Systems Laboratory Manager
- Safety and operations research
- Highway driving simulator

MAJOR PROJECTS

- Visibility studies
- Reconfiguration of HCS Laboratory to support R&D
- Traffic Control Devices Pooled Fund Study
- Integration of digital highway measurement vehicle (DHMV) products into Highway Driving Simulator (HDS)

BACKUP PERSON

Tom Granda

Vacant

Engineering Research Psychologist

PRIMARY RESPONSIBILITIES

- Human Centered Systems safety research (pedestrian and bicycle safety, speed management)
- Older driver research

MAJOR PROJECTS

- Speed management research
- Pedestrian and bicycle safety research

BACKUP PERSONS

Ann Do
Joe Moyer

Office of Infrastructure R&D

Gary Henderson, Director

Steve Chase, Research Program Manager for Infrastructure
Richard Livingston, Advanced Research Coordinator
Ian Friedland, Technical Director, Bridge and Structures R&D
Cheryl Richter, Technical Director, Pavement R&D
Vacant, Program Coordinator

Bridge Design and Construction Team

Bill Wright, Team Leader

Bridge Safety, Reliability, and Security Team

Sheila Duwadi, Team Leader

Infrastructure Inspection and Management Team

Joey Hartmann, Team Leader

Pavement Materials and Construction Team

Tom Harman, Team Leader

Pavement Design and Performance Modeling Team

Katherine Petros, Team Leader

Long-Term Pavement Performance Team

Aramis López, Team Leader

Office of Infrastructure R&D

Fax: 202-493-3442 (HRDI-01, HRDI-02, HRDI-07) • Fax: 202-493-3086 (HRDI-03, HRDI-05, HRDI-10)
Fax: 202-493-3161 (HRDI-04, HRDI-11, HRDI-12, HRDI-13) • Fax: 202-493-3477 (HRDI-06)

Office of Infrastructure R&D, HRDI-01

Gary Henderson

HRDI-01, Director

202-493-3022 · gary.henderson@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Program direction and guidance for the Office of Infrastructure R&D
- Technical and administrative supervision of HRDI teams
- Interaction with headquarters and Resource Centers

MAJOR PROJECTS

- Consolidated RD&T multiyear needs, programs, and budget
- National Partnership Initiative advancement
- Corporate management strategies development

Steve Chase

HRDI-01, Research Program Manager

202-493-3038 · steve.chase@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Policy, direction, and management support to Office Director
- Program development and delivery direction to HRDI teams

MAJOR PROJECTS

- HRDI management strategies and business practices
- Infrastructure R&T Program development

Janet Klein

HRDI-01, Administrative Program Assistant

202-493-3384 · janet.klein@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Administrative support for the Infrastructure R&D Program

MAJOR PROJECTS

- Time and attendance personnel documents
- Team leader council meeting plans and minutes
- Office supplies
- Office communication activities

Esther Camaño

HRDI-01, Administrative Assistant (Contractor)

202-493-3022 · esther.camano@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Administrative support to the Office Director; Research Program Manager; Program Coordinator; Technical Director for Bridges; the Bridge Design and Construction Team; the Bridge Safety, Reliability, and Security Team; and the Infrastructure Inspection and Management Team

Monique Williams

HRDI-01, Administrative Assistant (Contractor)

202-493-3143 · monique.williams@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Administrative support to the Technical Director for Pavements; the Advanced Research Coordinator; the Pavement Materials and Construction Team; the Pavement Design and Performance Modeling Team; and the Long-Term Pavement Performance Team

Vacant

HRDI-02, Program Coordinator

202-493-3146

PRIMARY RESPONSIBILITIES

- Advice to Office Director on office operations
- Program coordination and monitoring
- Fiscal accountability within the office

MAJOR PROJECTS

- Office management initiatives
- Program and budget monitoring
- Accountable property inventory updates

Ian Friedland

HRDI-03, Technical Director, Bridge and Structures R&D

202-493-3023 · ian.friedland@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Leadership and technical direction for bridge and structures-related programs and studies
- Promotion of RD&T products

MAJOR PROJECTS

- Program and budget documents
- External partnerships development
- Technology facilitation for bridges and other highway structures

Cheryl Richter

HRDI-04, Technical Director, Pavement R&D

202-493-3070 · cheryl.richter@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Leadership and technical direction for pavement-related programs and studies
- Promotion of RD&T products

MAJOR PROJECTS

- Program and budget documents
- External partnerships development
- Technology facilitation for pavements

Richard Livingston

HRDI-05, Advanced Research Coordinator

202-493-3063 · dick.livingston@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Advanced research

MAJOR PROJECTS

- Embeddable sensor systems
- Nondestructive evaluation (NDE) for materials characterization
- Materials science of portland cement concrete (PCC) setting
- PCC durability

Bridge Design and Construction Team, HRDI-06

Bill Wright

Team Leader

202-493-3053 · bill.wright@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Bridge Design and Construction Team Leader
- Bridge corrosion protection
- Steel bridge coating research
- Coating systems

MAJOR PROJECTS

- Bridge of the Future
- Bridge coatings guidelines
- Hazardous bridge coatings
- Bridge coatings inspection
- Steel bridge paint system

Mike Adams

Geotechnical Research Engineer

202-493-3025 · mike.adams@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Geotechnical Laboratory Manager
- Retaining wall systems
- Spread footing design
- Engineering geology
- Geosynthetic reinforced soil (GRS) structures

MAJOR PROJECTS

- Bridge of the Future
- Reinforced soil beneath spread footings
- Model testing of GRS structures
- Geosynthetic durability testing
- Design of foundation anchors in soil and rock

BACKUP PERSON

Carl Ealy

Carl Ealy

Geotechnical Research Engineer

202-493-3039 · carl.ealy@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Deep foundations engineering
- In situ testing techniques
- Geotechnical database management
- Innovative load testing systems
- Load and Resistance Factor Design (LRFD) for geotechnical engineering

MAJOR PROJECTS

- Resistance factors for piles and drilled shafts
- Automated geotechnical information and design system
- Composite pile design using waste plastics

BACKUP PERSON

Mike Adams

Eric Munley

Research Structural Engineer

202-493-3046 · eric.munley@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Fiber-reinforced polymer (FRP) composites
- Adhesive-bonded connections

MAJOR PROJECTS

- Bridge of the Future
- FRP prestressing
- Adhesives research
- FRP specification development
- Accelerated test development for FRP materials

BACKUP PERSON

Bill Wright

Masoud Nasabzadeh

Engineering Technician

202-493-3047 · masoud.nasabzadeh@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Instrumentation
- Hardware and software maintenance and consultation

MAJOR PROJECTS

- Curved-girder steel bridge research
- Research on high-performance steel

BACKUP PERSON

Bill Wright

Bill Wright

Structures Laboratory Manager

202-493-3053 · bill.wright@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Structures Laboratory Manager
- High-performance steel
- Curved steel girder bridges
- Fatigue and fracture mechanics

MAJOR PROJECTS

- Bridge of the Future
- Curved steel girder research
- High-performance steel bridges
- High-performance steel development

BACKUP PERSON

Vacant

Vacant

Research Structural Engineer

PRIMARY RESPONSIBILITIES

- High-performance concrete
- Structural testing
- Concrete bridges
- Curved steel girder bridges

MAJOR PROJECTS

- Bridge of the Future
- High-performance concrete bridges
- Concrete specifications
- High-performance materials
- Curved steel girder bridges

BACKUP PERSONS

Bill Wright
Eric Munley

Bridge Safety, Reliability, and
Security Team, HRDI-07

Sheila Duwadi

Team Leader

202-493-3106 · sheila.duwadi@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Bridge Safety, Reliability, and Security Team Leader
- Timber bridge research
- Bridge design
- Bridge security

MAJOR PROJECTS

- Bridge and tunnel security research program
- Advanced wood/FRP composites
- Integration of wood in transportation programs

BACKUP PERSON

John O'Fallon

Harold Bosch

Research Structural Engineer

202-493-3031 · harold.bosch@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Aerodynamics Laboratory Manager
- Structural dynamics
- Aerodynamic stability
- Wind loads on structures
- Weigh-in-motion

MAJOR PROJECTS

- Wind research program
- Aerodynamic stability of bridges
- Wind-induced vibration of cables
- Aerodynamic properties of tapered cylinders
- Prediction methods for aerodynamic response
- Computational Fluid Dynamic flow simulation techniques

BACKUP PERSON

Hamid Ghasemi

Hamid Ghasemi

Research Structural Engineer

202-493-3042 · hamid.ghasemi@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Structural health monitoring
- Bridge dynamics
- Earthquake protective systems
- NDE of bridge members
- Bridge design, analysis, and computer modeling
- United States-Turkey collaboration on bridge design and health monitoring related issues

MAJOR PROJECTS

- Health monitoring of signature bridges
- Earthquake protective systems
- Bridge dynamics and modal testing
- Seismic isolation
- Liaison for several NCHRP projects
- Near-source ground motions

BACKUP PERSON

Phillip Yen

Sterling Jones

Research Hydraulic Engineer

202-493-3043 · sterling.jones@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Hydraulics Laboratory Manager
- Hydraulics and hydrology

MAJOR PROJECTS

- Hydraulic research program
- Bridge scour guidelines
- Woodrow Wilson scour study
- Culvert study
- Bottomless culverts

BACKUP PERSON

Kornel Kerenyi

Kornel Kerenyi

Research Hydraulic Engineer

202-493-3142 · kornel.kerenyi@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Hydraulics and hydrology

MAJOR PROJECTS

- Bridge scour studies
- Pressure flow scour
- Culvert hydraulics
- Bottomless culverts
- Highway drainage studies
- Multihazard modeling

BACKUP PERSON

Sterling Jones

John O'Fallon

Bridge Research Engineer

202-493-3051 · john.o'fallon@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- General bridge engineering
- Culverts

MAJOR PROJECTS

- Seismic vulnerability assessment
- Liaison for several NCHRP projects
- Covered bridge preservation

BACKUP PERSONS

Sheila Duwadi
Harold Bosch
Sterling Jones

Bridge Safety, Reliability, and
Security Team, HRDI-07

(continued)

Phillip Yen

Research Structural Engineer

202-493-3056 · wen-huei.yen@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Seismic research program
- United States-Japan research in bridge seismic design and retrofitting
- LRFD design for structures

MAJOR PROJECTS

- Bridge vibration testing
- Cross diagnosis method for globally monitoring bridges
- NCHRP 12-49, "Comprehensive Specification for the Seismic Design of Bridges"
- Seismic vulnerability
- Multihazard study
- Seismic performance testing

BACKUP PERSON

Hamid Ghasemi

Infrastructure Inspection and
Management Team, HRDI-10

Joey Hartmann

Team Leader

202-493-3059 · joseph.hartmann@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Infrastructure Inspection and Management Team Leader
- Bridge Management Information Systems Laboratory Manager

MAJOR PROJECTS

- Stewardship and management of existing bridges
- NDE
- Bridge management systems
- Corrosion and coating

BACKUP PERSON

Hamid Ghasemi

Shuang-Ling Chong

Research Chemist

202-493-3081 · shuang-ling.chong@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Bridge Coatings Laboratory Manager
- Bridge coating research
- Paint testing and coating evaluation methods
- Oversight of Paint, Corrosion, and Scanning Electron Microscope Labs
- Dissemination of coating research results
- Solutions for field coating failure problems

MAJOR PROJECTS

- Accelerated test methods for evaluation of coating materials
- Performance evaluation of fast drying coatings

BACKUP PERSON

Seung-Kyoung Lee

Seung-Kyoung Lee

Research Corrosion Engineer

202-493-3077 · seung-kyoung.lee@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Corrosion protection of highway structures

MAJOR PROJECTS

- Corrosion of reinforced concrete bridge elements
- Material integrity testing for bridges

BACKUP PERSON

Paul Virmani

Paul Virmani

Research Chemist

202-493-3052 · paul.virmani@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- Corrosion protection systems
- Bridge deck durability

MAJOR PROJECTS

- Corrosion costs and preventive strategies
- Nondestructive tools for corrosion detection
- Cathodic protection systems
- Corrosion resistant reinforcement

BACKUP PERSON

Seung-Kyoung Lee

Vacant

Nondestructive Evaluation (NDE) Program Manager

PRIMARY RESPONSIBILITIES

- NDE Validation Center Manager
- Bridge NDE

MAJOR PROJECTS

- NDE technologies for bridges
- Ground-penetrating radar (GPR), including the High-speed Electromagnetic Roadway Mapping and Evaluation System (HERMES) and the Precision Electromagnetic Roadway Evaluation System (PERES)
- Crack detection methods
- Condition assessment of prestressed tendons
- Automated ultrasonic testing

BACKUP PERSONS

Joey Hartmann
Hamid Ghasemi

Long-Term Pavement
Performance Team, HRDI-13

Aramis López

Team Leader

202-493-3145 · aramis.lopez@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- LTPP Team Leader
- LTPP product coordination

MAJOR PROJECTS

- LTPP daily operations
- LTPP technical support services
- LTPP international coordination
- TRB LTPP Committee
- TRB LTPP Expert Task Groups (ETG)

BACKUP PERSON

Jack Springer

Jack Springer

Highway Research Engineer

202-493-3144 · jack.springer@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- LTPP field operations
- LTPP materials testing
- LTPP seasonal monitoring data
- LTPP distress data collection
- LTPP Automated Weather Stations
- LTPP Materials Reference Laboratory

MAJOR PROJECTS

- Layer thickness using GPR
- Regional contract support
- Resilient Modulus testing
- TRB ETG on LTPP materials and Falling-Weight Deflectometer (FWD) data collection and analysis

BACKUP PERSON

Aramis López

Deborah Walker

Highway Research Engineer

202-493-3068 · deborah.walker@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- LTPP traffic activities
- LTPP communications

MAJOR PROJECTS

- Specific Pavement Studies Traffic Pooled Fund Study
- LTPP traffic analysis software
- LTPP traffic data collection
- LTPP traffic data forecasting and back-casting

BACKUP PERSON

Aramis López

Eric Weaver

Highway Research Engineer

202-493-3153 · eric.weaver@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- LTPP database activities
- LTPP FWD operations
- LTPP documentation

MAJOR PROJECTS

- FWD data collection
- FWD calibration
- LTPP database management
- TRB ETG on LTPP Database Development and Operations

BACKUP PERSON

Aramis López

Larry Wiser

Highway Research Engineer

202-493-3079 · larry.wiser@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- LTPP data analysis
- LTPP profile measurement
- LTPP data studies and computed parameters

MAJOR PROJECTS

- Data analysis projects and contracts
- TRB ETG on LTPP data analysis
- ETG on Distress and Profile Data collection and analysis

BACKUP PERSON

Aramis López

Antonio Nieves

LTPP Field Engineer Atlanta Resource Center

202-493-3074 · antonio.nieves@fhwa.dot.gov

PRIMARY RESPONSIBILITIES

- LTPP Products Team Leader
- LTPP products

MAJOR PROJECTS

- LTPP DataPave Online
- LTPPBind software
- TRB Product Subcommittee

BACKUP PERSON

Aramis López

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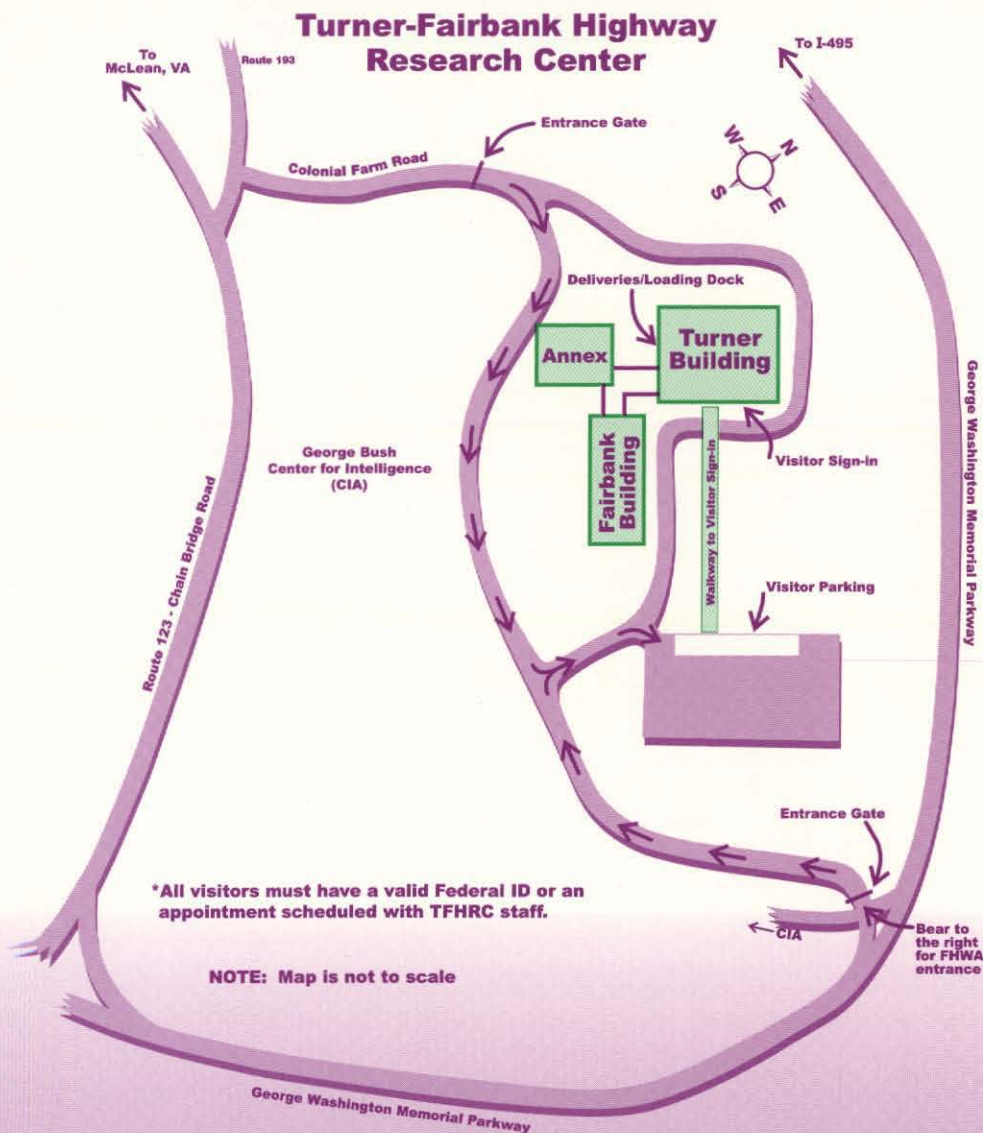
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Kopac Peter	202-493-3151	F-206	HRDI-11	27
Krammes Ray	202-493-3312	T-303	HRDS-05	20
Krylowski Tom	202-493-3470	T-305	HRPD-01	8

NAME	PHONE NO.	ROOM	ROUTE	PAGE
Landolt Jean	202-493-3999	T-306	HRT-01	4
Lee Angela	202-493-3175	T-310	HRRM-01	6
Lee Seung-Kyoung	202-493-3077	F-211	HRDI-10	26
Lieu Henry	202-493-3273	T-204	HRDO-03	14
Livingston Richard	202-493-3063	F-211	HRDI-05	23
López Aramis	202-493-3145	F-209	HRDI-13	29
Lower Elke	202-493-3260	T-306	HRDS-01	18
Mackall Velma	202-493-3205	A-200	HRTS-03	12
Magoulas Paula	202-493-3398	F-204	HRTS-02	11
Martin Diana	202-493-3168	T-310	HRRM-01	6
McCarthy Doreen	202-493-3175	T-310	HRRM-01	6
McCracken John	202-493-3422	F-219	HRTS-01	11
McCrae TaMara	202-493-3382	F-204	HRTC-01	5
McEnrue Donna	202-493-3172	T-305	HRPD-01	8
McHale Gene	202-493-3275	T-204	HRDO-04	15
Meininger Richard	202-493-3459	F-206	HRDI-11	27
Mills Pete	202-493-3338	T-210	HRDS-06	18
Mitchell Terry	202-493-3147	F-209	HRDI-11	28
Moore Thelma	202-493-3322	T-303	HRDS-02	19

NAME	PHONE NO.	ROOM	ROUTE	PAGE
Moyer Joe	202-493-3370	T-210	HRDS-07	21
Munley Eric	202-493-3046	T-111	HRDI-06	24
Munro John	202-493-3368	F-204	HRTC-01	5
Nasabzadeh Masoud	202-493-3047	T-0134	HRDI-06	24
Nieves Antonio	202-493-3074	F-206	HRDI-13	29
O'Fallon John	202-493-3051	T-111	HRDI-07	25
Opiela Ken	202-493-3371	T-301	HRDS-04	19
Oskard Mort	202-493-3339	T-303	HRDS-04	18
Parks Joe	202-493-3414	T-305	HRPD-01	9
Persaud Rudy	202-493-3391	T-204	HRDO-04	16
Petros Katherine	202-493-3154	F-209	HRDI-12	28
Rand Vicki	202-493-3166	T-305	HRPD-01	8
Richter Cheryl	202-493-3070	F-209	HRDI-04	23
Roberts Carol	202-493-3185	T-310	HRRM-01	6
Seward Denise	202-493-3471	T-310	HRRM-01	6
Sherwood James	202-493-3150	F-209	HRDI-12	28
Sixbey Dennis	202-493-3078	F-211	HRDI-11	28
Soneira Martha	202-493-3468	F-204	HRTS-02	11
Springer Jack	202-493-3144	F-209	HRDI-13	29
Stanton Sue	202-493-3480	T-310	HRRM-01	7

NAME	PHONE NO.	ROOM	ROUTE	PAGE
Tan Carol	202-493-3315	T-210	HRDS-06	20
Thompson Dale	202-493-3420	T-204	HRDO-03	15
Tope Danielle	202-493-3190	F-205	HRTC-01	5
Trentacoste Michael	202-493-3260	T-306	HRDS-01	18
VanGorder Randall	202-493-3266	T-204	HRDO-03	15
Vanlandingham Dawn	202-493-3198	F-204	HRTS-02	11
Virmani Paul	202-493-3052	T-111	HRDI-10	26
Walker Deborah	202-493-3068	F-209	HRDI-13	29
Weaver Eric	202-493-3153	F-209	HRDI-13	29
Wilbur Toni	202-493-3303	T-205	HRDO-01	14
Williams Kimberly	202-493-3423	F-219	HRTS-01	11
Williams Lisa	202-493-3376	T-305	HRPD-01	9
Williams Monique	202-493-3143	F-209	HRDI-01	23
Wiser Larry	202-493-3079	F-206	HRDI-13	29
Wood Cara	202-493-3302	T-210	HRDS-02	19
Wright Bill	202-493-3053	A-103	HRDI-06	24
Yen Phillip	202-493-3056	T-111	HRDI-07	26
Youtcheff Jack	202-493-3090	F-110	HRDI-11	28
Zaccagnino Bill	202-493-3183	T-305	HRPD-01	8

Directions



FROM

REAGAN NATIONAL AIRPORT

Take the George Washington (GW) Memorial Parkway toward Washington, DC. Continue along the GW Memorial Parkway approximately 15.8 km (9.8 mi). Continue past the exit for Route 123 and take the exit marked by a small brown sign that reads, "George Bush Center for Intelligence CIA/FHWA." At the yield sign, take the entrance that veers to the right before the gates to the CIA. This gate is open Monday–Friday from 6 a.m. until 6 p.m. only. Use gate off of Route 193 on Colonial Farm Road for access at other times. (See directions from Dulles Airport.)

FROM

DULLES AIRPORT

Take the Dulles Toll Road (Route 267) east to the Route 123/McLean exit. Travel on Route 123/Dolly Madison Boulevard until you reach a stoplight at the intersection with Route 193/Georgetown Pike. Turn left on Route 193. Turn right at the first road (Colonial Farm Road). Continue along the road past the CIA entrances on the right until you reach a gated entrance to the TFHRC complex. There is a security guard on duty at all times, and this gate is open 24 hours a day, 7 days a week.

FROM

POINTS NORTH

From points north of Washington, DC, take I-495 (Capital Beltway) around the west side of Washington, DC, to the GW Memorial Parkway, the first exit in Virginia. Continue along the parkway approximately 4.2 km (2.6 mi). Take the exit indicated by the small brown sign that reads, "George Bush Center for Intelligence CIA/FHWA." Take the entrance that veers to the right before the gates to the CIA. This gate is open Monday–Friday from 6 a.m. until 6 p.m. only. Use gate off of Route 193 on Colonial Farm Road for access at other times. (See directions from Dulles Airport.)

FROM

POINTS SOUTH

From points south of Washington, DC, take I-495 North/ Rockville to the GW Memorial Parkway exit. Continue along the parkway approximately 4.2 km (2.6 mi). Take the exit indicated by the small brown sign that reads, "George Bush Center for Intelligence CIA/FHWA." Take the entrance that veers to the right before the gates to the CIA. This gate is open Monday–Friday from 6 a.m. until 6 p.m. only. Use gate off of Route 193 on Colonial Farm Road for access at other times. (See directions from Dulles Airport.)

Nassif Building/TFHRC Shuttle Schedule

A daily shuttle service operates between the FHWA Nassif Building and TFHRC. The service begins at 7:00 a.m. from the Nassif Building, Washington, DC, from the 6th Street side (near the cafeteria).

The travel time to TFHRC is approximately 20 minutes. The schedule for the shuttle service is as follows:

Depart Nassif	Arrive TFHRC	Depart TFHRC	Arrive Nassif
7:00 a.m.	7:20 a.m.	7:25 a.m.	7:55 a.m.
8:00 a.m.	8:20 a.m.	8:45 a.m.	9:10 a.m.
9:30 a.m.	9:50 a.m.	10:00 a.m.	10:20 a.m.
10:30 a.m.	10:50 a.m.	11:00 a.m.	11:20 a.m.
12:00 noon	12:20 p.m.	12:30 p.m.	12:50 p.m.
1:00 p.m.	1:20 p.m.	1:30 p.m.	1:50 p.m.
2:00 p.m.	2:20 p.m.	2:45 p.m.	3:05 p.m.
3:15 p.m.	3:35 p.m.	3:45 p.m.	4:05 p.m.
4:15 p.m.	4:35 p.m.	5:00 p.m.	5:20 p.m.

All DOT employees, contractors, and visitors are permitted to ride the shuttle while on official business. All visitors must have a valid Federal ID or an appointment scheduled with TFHRC staff.