

# Memo

## New Mexico Department of Transportation

**SUBJECT:** Infrastructure Design Directive  
IDD-2006-01 (Policy for Independent Design  
Quality Control Reviews)

**DATE:** 1-25-2006

**TO:** Office of Infrastructure Divisions  
Transportation Design Community

**FROM:** Steven P. Harris, Chief Engineer  
Office of Infrastructure Divisions



**FILE REFERENCE:**  
PSESHARE:Design Directives

Effective immediately, all internally (DOT) developed design plans will undergo an independent design quality control review prior to production date submittal. The following serves as guidance for implementation of this program:

- The Independent Design Quality Control (QC) review will occur concurrent with the PS&E inspection milestone.
- The Design Regional Managers and District Design Managers will be responsible for developing and coordinating a schedule for a review that is to be performed by an independent project development team.
- QC reviews are intended to address general constructability, major items and quantities, a global review of pricing, and general format and content.
- General review period should not take more than 2 days of a project development team's schedule.
- The reviewing project development team will produce an itemized list of items and areas discovered during the QC review and address it to the respective responsible PDE and Designer via an IDC as a "Design QC Review Report". Copies will be made available to the Design Regional Manager, District Design Manager, the PS&E Engineer, Construction Oversight Engineer, FHWA and the Chief Engineer.
- Responsible PDE/Designer will address findings in the Design QC Review Report and formally document actions with a Quality Control Report for the project files and address plan revisions accordingly. Copies will be made available to the Design Regional Manager, District Design Manager, the PS&E Engineer, Construction Oversight Engineer, FHWA and the Chief Engineer.

As a reminder, the Design Directives reside in the PSESHARE drive. General Office staff is to utilize the \\asgopinon\pseshare drive to access the Directive. District and Regional Office staff can access the Directive utilizing the appropriate District drive as indicated below:

District 1	\\d1flsv03\design\$
District 2	\\d2flsv01\public\pse_section
District 3	\\d3flsv03\ps&e_section
District 4	\\d4flsv04\designshared
District 5	\\D5flsv02a\D5Design
District 6	\\d6flsv02\pse_section

**Infrastructure Design Directive (IDD-2006-01)**

**25-January-2006**

**Page 2**

**DISTRIBUTION LIST**

Andres Aragon-Viamonte  
Ken Fischer/Mickey Beisman  
Ernest Archuleta

**PROJECT DEVELOPMENT NORTH ("PDN")**

vacant  
Rusty Rodke

**PDN-Blue Section**

Joe Garcia  
David Quintana/Mike Martinez  
Ed Escudero/Antonio Valdez  
Armando Armendarez/Greg Hagman

**PDN-Green Section**

Benny Martinez  
Mike Pope/Mike Kirby  
Sixto Martinez/Daniel Maes  
vacant/Andrew Gonzales  
Charlie Ortiz/Richard Salazar  
Steve Ader

**PROJECT DEVELOPMENT CENTRAL**

Dennis Valdez  
Mark Fahey/Larry Vigil  
Mohamad Assaad/Benny Gabaldon  
Priscilla Benavides  
Jerry Trujillo  
Steve Lopez/Rodney J. Apodaca  
Paul Lindberg  
Hooshang Tavanaiepour

**PROJECT DEVELOPMENT SOUTH**

Gabriela Contreras-Apodaca (acting)  
Arthur Romero  
Louie Pacheco

**DEVELOPMENT SUPPORT SERVICES**

Max Valerio

**Project Scheduling Unit**

Virginia Jaramillo  
Bob Bachicha/Edwin Varela

**Drainage Section**

Raymunda Van Hoven  
Farshad Omidvaran/John Blasingame  
Reza Afaghpour/Andrew Nowak  
Parviz Eftekhari/Jose Silva  
Scott Lowe/David Trujillo

**Bridge Section**

Jimmy Camp  
Ted Barber  
Joan Bowser  
Zann Jones  
Ray Trujillo  
Tim Marrs  
Sherman Peterson

**P. S. & E. Section**

Ron Trujillo  
Patrick Romero/Ron Romero  
Daniel Bustamante/Dean Serna  
Christine Griego  
Norbert Baca/Phil Romo

**Traffic Technical Support Section**

Steve Rodriguez  
Jawadi Salahuddin  
Kathleen Garcia  
Brad Julian  
Rhonda Lopez  
Tammy Penny  
Greg Clarke

**CONTEXT SENSITIVE SOLUTION**

Joe Sanchez  
Ricardo Roybal  
Carlos Ruiz

**STATE CONSTRUCTION BUREAU**

Lee Onstott  
Keun-Wook Yi/Steve Hemphill  
Robert Salazar  
Robert Garcia

**STATE MAINTENANCE BUREAU**

Tom Raught

**ENVIRONMENTAL DESIGN**

Kathy Kretz

**Human and Natural Resources Section**

Steve Reed

**Environmental Geology Section**

Audrey Moore

**Infrastructure Design Directive (IDD-2006-01)**

**25-January-2006**

**Page 3**

**LAND MANAGEMENT**

Ed Rios

**Survey & Lands Section**

Rick Fencil

**ROW/Utilities Section**

Ron Noedel

**PROJECT PLANNING BUREAU**

Ray Alexander

Steve Eagan

Brian Danielson

**DISTRICT ENGINEERS**

1/Alvin Dominguez

2/Gary Shubert

3/Larry Velasquez

4/Paul Gray

5/John McElroy

6/Larry Maynard

**ASSISTANT DISTRICT ENGINEERS**

1/Paul Little/Harold Love

2/Ismael Dominguez (acting)/Ralph Meeks

3/Mike Plese/Kathy Trujillo

4/Tim Chavez/Abel Esquibel

5/James Gallegos/Miguel Gabaldon

6/Fernando Trujillo/Lisa Boyd Vega

**ENGINEERING SUPPORT**

1/Frank Guzman

2/Robert Kurtz

3/vacant

4/Dennis Peralta

5/Phil Gallegos

6/vacant

**DISTRICT TECHNICAL SUPPORT ENGINEERS**

1/Filiberto Castorena

2/ Betty Helgeson

3/Ken Murphy

4/Heather Sandoval

5/David Martinez

6/Bryan Peters/Donald Benninghoff

**DISTRICT TRAFFIC ENGINEERS**

1/Maria Hinojos

2/Richard Weed

3/Tony Abbo

4/Adam Romero

5/David Martinez

6/Barry J. Lytle

**STATE MATERIALS**

John Tenison

Jim Stokes

Bob Meyers

**FHWA**

Kathy Walker

Eric Worrell

Carl Lovato

Frank Lozano

Ryan Beach

**ACTIVE CONSULTANTS**

Alan Soltani, Atkins-Benham

Hermant Patel, Aztec Engineering

Albert Thomas, Bohannan-Huston, Inc.

Paul Waters, BPLW

Mike Brazie, CH2MHILL

Charles Stubbs, Chavez-Grieves

Kent Dibble, Dibble & Associates

Luis Duffy, DMJM + Harris

Dave Maxwell, Engineers Inc.

Mike Malloy, Gannett-Fleming West, Inc.

Peter Brakenhoff, HDR Engineering Inc.

Kim Kemper, Huitt Zollars, Inc.

Lawrence Ortega, Lawrence Ortega

Thomas Densford, Louis Berger Group

Kent Freier, Molzen-Corbin & Associates (Albuquerque)

John Montoya, Molzen-Corbin & Assoc. (Las Cruces)

Joann English, North Sound Consulting, Inc.

Chris Baca, Parsons Brinckerhoff Quade & Douglas

Fernando Quiroga, Quiroga-Pfeiffer

Engineering Corp.

Joseph Chato, Red Mountain Engineers, Inc.

Elvidio Diniz, Resource Technology

Robert Smith, Smith Engineering Co. (Albuquerque)

Tom Dick, Smith Engineering Co. (Roswell)

Jim Smith, Souder Miller & Associates

Kim Stelzer, Tampa Bay Engineering

Jim Dolbear, The Larkin Group

Jim Witkowski, TransCore ITS, Inc.

Peter Hinckley, URS Greiner Woodward Clyde

William Ventry, Ventry Engineering

Scott Perkins, Wilson & Company