

Memo

New Mexico Department of Transportation

SUBJECT: Infrastructure Design Directive
IDD-2012-02 (Sign Sheeting Requirements)

DATE: 30-January-2012

TO: Office of Infrastructure Division
District Offices
Design and Drafting Community

FROM: Max E. Valerio, Chief Engineer
Office of Infrastructure Divisions

FILE REFERENCE:
PSESHARE: Design Directives

This Design Directive addresses an update to the NMDOT's Sign Sheeting Requirements. The new requirements are attached to this Directive as an Intra-Departmental Correspondence dated January 24, 2012.

General Office staff is to utilize the \\aspen\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	\\d1vnxesvr01\d1design
District 2	\\d2flsv01\public\psesection
District 3	\\d3-blade1\district 3\ps&e_section
District 4	\\d4-blade2\designshared
District 5	\\d5-blade4\section_shares
District 6	\\d6-blade1\nmdot_public\pse_section

Furthermore, the Directive will reside in the Department's external website. The web address is:

<http://www.nmshtd.state.nm.us>

Infrastructure Design Directive (IDD-2012-02)

30 January 2012

Page 2

DISTRIBUTION LIST

Paul Gray
Kathy Bender
Ernest Archuleta
Max Valerio
Muffet Cuddy

NORTH REGIONAL DESIGN DIVISION

Antonio Valdez
Mike Kirby
Daniel Maes
Johnny Herrera
Ricardo Roybal
Carlos Ruiz
Margaret Haynes
Isadora Fanning

CENTRAL REGIONAL DESIGN DIVISION

Mark Fahey
Rais Rizvi
Carlos Castaneda
Steve Lopez
Paul Lindberg
Greg Clarke
Hooshang Tavanaiepour
Osvaldo Reyes-Alicea

SOUTH REGIONAL DESIGN DIVISION

Gabriela Contreras-Apodaca
Michael Smelker/Vince Pena/
William Martinez
Sherri Holliefield/Michael Hernandez
Arthur Romero/Jesus Chavarria
Tisha Clark/Refugio Perea

ENGINEERING SUPPORT DIVISION

Jeff Mann

BRIDGE BUREAU

Ray Trujillo
Zann Jones
Tim Marrs/Sherman Peterson
Jeff Johnston/Jeff Vigil
Thomas Cartner

DRAINAGE BUREAU

Ted Barber
Reza Afaghpour/Timothy Trujillo
Ellery Biathrow/Hashem Faidi
David Trujillo Jr/Morris Muskett

TRAFFIC TECHNICAL SUPPORT BUREAU

Afshin Jian
Brad Julian
Richard Allison

PROGRAM MANAGEMENT DIVISION

Elias Archuleta

PROJECT PRODUCTION & SCHEDULING BUREAU

Phillip Montoya
Victoria Cruz

P. S. & E. BUREAU

Ron Trujillo
Jeff Martinez
Daniel Bustamante/Dean Serna/Bob Bachicha
Christine Griego/Sally Gomez/Jeri Romero
Norbert Baca/James Mexia

QUALITY ASSURANCE UNIT

Yolanda Roybal
Pablo A. Garcia

STATE CONSTRUCTION BUREAU

David E. Trujillo
Steve Hemphill
Ken Cordova
Armando Armendariz
Rick Padilla
Sally Reeves

STATE MAINTENANCE BUREAU

Dennis Ortiz

ENVIRONMENTAL DESIGN BUREAU

Blake Roxlau
William Hutchinson

ENVIRONMENTAL GEOLOGY BUREAU

Audrey Moore

**OFFICE OF PROPERTY ASSET
MANAGEMENT**

Clyde Archibeque

PLANNING DIVISION

Frank Sharpless
Anne McLaughlin
Titus Ispirescu

Infrastructure Design Directive (IDD-2012-02)

30 January 2012

Page 3

SURVEY & LANDS DIVISION

Rob Sexton

ROW/UTILITIES DIVISION

Ron Noedel

DISTRICT ENGINEERS

1/Frank Guzman

2/Gary Shubert

3/Tammy Haas

4/Jimmy Camp

5/Miguel Gabaldon

6/Larry Maynard

ASSISTANT DISTRICT ENGINEERS

1/Filiberto Castorena/Harold Love

2/Ralph Meeks/Ismael Dominguez

3/Ken Murphy

4/David E. Trujillo

5/James Gallegos

6/Morris Williams/Lisa Vega

ENGINEERING SUPPORT

1/Harold Love

2/Robert Kurtz

3/Tony Abbo

4/Heather Sandoval

5/Phil Gallegos

6/Ron Romero

DISTRICT TECH SUPPORT ENGINEERS

1/Harold Love

2/Louis Matta

3/Priscilla Benavides

4/Mohamad Assaad

5/David Martinez/ David Quintana

6/Bryan Peters

DISTRICT TRAFFIC ENGINEERS

1/Maria Hinojos

2/Earle Smith

3/Antonio Jaramillo

4/Adam Romero

5/Ruben Garcia

6/Jeffrey Sanchez

STATE MATERIALS BUREAU

Robert McCoy

Bob Meyers

Parveez Anwar

FHWA

Frank Lozano

Steven Von Stein

Thiet Nguyen

Rodolfo Monge-Oviedo

Robert Bency

Vivien Hoang

Monica Jurado

Jolena Palau

ACTIVE CONSULTANTS

Charlie Trujillo, AECOM

Dan Kwiecinski, AMEC

Pierce Runnels, ASCG, Inc.

Albert Thomas, Bohannon-Huston, Inc.

Ross Lujan, CH2MHILL

Steven Vasquez, Chavez-Grieves

Dave Maxwell, Engineers Inc.

David Wilson, Gannett-Fleming West, Inc.

Peter Brakenhoff, HDR Engineering Inc.

Kim Kemper, Huitt Zollars, Inc.

Lawrence Ortega, Lawrence Ortega

Ivan Trujillo, Louis Berger Group

Kent Freier, Molzen-Corbin & Associates (Albuquerque)

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

Joann English, North Sound Consulting, Inc.

Clay Koontz, OCCAM Consulting Engineers, Inc.

Hal Byrd, Parsons Brinckerhoff Quade & Douglas

Fernando Quiroga, Quiroga-Pfeiffer Engr.Corp.

Carlos Padilla, Radian Engineering

Joseph Chato, REM-Santa Fe Engineering LLC

Steven Harris, Renaissance Engineering LLC

Elvidio Diniz, Resource Technology

Robert Smith, Smith Engineering Co. (Albuquerque)

Jim Landfair, Smith Engineering Co. (Roswell)

Jim Smith, Souder Miller & Associates

Lester Cisneros, Tampa Bay Engineering

John Andrews, The Larkin Group

Jim Witkowski, TransCore ITS, Inc.

Peter Hinckley, URS Greiner Woodward Clyde

Chris Baca, Vector Engineering

William Ventry, VE Group, LLC.

Scott Perkins, Wilson & Company

Infrastructure Design Directive (IDD-2012-02)

30 January 2012

Page 4

METROPOLITAN/REGIONAL PLANNING

Jack Lord, MRCOG

Loretta Tollefson, MRRPO

Joe Delmagori, FMPO

Andy Hume, LCMPO

Keith Wilson, SFMPO

Michael Medina, EPMPO

Renee Ortiz, EPCOG

Lesah Sedillo, NERPO

Bob Kuipers, NWRPO

Tony MacRoberts, SCRPO

Linda Lanham, SCRPO

Jay Armijo, SCRPO

Mary Ann Burr, SERPO

Sandy Chancey, EPRPO

Cynthia Stoechner, SWRPO

ACONM

Mike Beck

New Mexico Department of Transportation

Intra-Departmental Correspondence

Subject: Sign Sheeting Requirements

Date: January 24, 2012

To: Max Valerio, Chief Engineer Programs and Infrastructure Division

From: Ernest Archuleta, Operations Division Director *EAD*

The Traffic Services Section (Highway Operations Division) and Traffic Technical Support (Programs & Infrastructure Division) have updated our sheeting requirements for intended sign use. This is the replacement to Intra-Departmental Correspondence dated January 23, 2006.

PERMANENT SIGNING

Type VIII, or IX Sheeting (on aluminum substrate)

<u>SIGN</u>	<u>SIGN CODE</u>	<u>COLOR</u>
STOP	R1-1	WHITE/RED
YIELD	R1-2	WHITE/RED
DO NOT ENTER	R5-1	WHITE/RED
WRONG WAY	R5-1a	WHITE/RED
SCHOOL BUS STOP	S3-1	BLACK/FLUORESCENT YELLOW GREEN
SCHOOL BUS XING	S1-1	BLACK/FLUORESCENT YELLOW GREEN
PEDESTRIAN XING	W11-2	BLACK/FLUORESCENT YELLOW GREEN
BIKE XING	W11-1	BLACK/FLUORESCENT YELLOW GREEN
ALL SCHOOL/PED/BIKE SUPPLEMENTAL PLAQUES		BLACK/FLUORESCENT YELLOW GREEN Wherever black/yellow is specified as color in MUTCD
ALL OTHER WARNING SIGNS & SUPPLEMENTAL PLAQUES		BLACK/FLUORESCENT YELLOW Wherever black/yellow is specified as color in the MUTCD
ALL OTHER PERMANENT SIGNS		BLACK/WHITE Except where specified otherwise in the MUTCD

Type VIII, or IX Legend and background except as noted (on aluminum substrate) Legend and Copy to be same sheeting type

SIGN	SIGN CODE	COLOR	NOTES
GUIDE & DESTINATION SIGNS	ALL	WHITE/GREEN Except where specified otherwise in the MUTCD	Includes extruded & non-extruded (Overhead & ground mounted)
E-CODE SIGNS	E11-1,1a, 1b, 1c	BLACK/FLUORESCENT YELLOW	"Exit Only" on Overheads

Type IV, VIII, or IX Legend and background except as noted (on aluminum substrate) Legend and Copy to be same sheeting type

RECREATIONAL & CULTURAL INTEREST	ALL	WHITE/BROWN
GENERAL SERVICE	ALL	WHITE/BLUE
SPECIFIC SERVICE	ALL	WHITE/BLUE

CONSTRUCTION SIGNING

Type VIII, or IX Sheeting except as noted (on aluminum substrate)

SIGN	SIGN CODE	COLOR(except where specified otherwise in the MUTCD)
ALL CONSTRUCTION WORK ZONE SIGNS FLAGGER PADDLE		BLACK/FLUORESCENT ORANGE* FLUORESCENT ORANGE* side 1, W/RED side 2
ALL DRUMS, CONES & CHANNELIZING DEVICES		FLUORESCENT ORANGE*

*FLUORESCENT ORANGE Daytime Color Requirement

The Chromaticity coordinates and total luminance factor shall conform to the requirements as described in 23 CFR Part 655 Appendix to Subpart F.