**6DINARDOT10/Projects/000 Traffic Project Design/02 Traffic Project Special Specifications/**

[For 2011 Spec Book]

COLORADO

DEPARTMENT OF TRANSPORTATION

REGION 6 TRAFFIC SPECIAL PROVISIONS

**Date No. of Pages**

Revision of Section 105 – Control of Work (February 2013) 1

*Projects having a Traffic Signal*

Revision of Section 202 – Removal of Sign Structure (April 2012) 2

*Projects having the removal of overhead/overpass sign structures*

Revision of Section 202 – Removal of Traffic Signal Equipment (April 2011) 1

*Projects having the removal of traffic signals*

Revision of Section 509 – Steel Structures Painting (April 2012) 6

*Projects where the Local Agency requires the painting of a Steel Structure*

*Note: Specification or General Note shall be provided by the Local Agency*

Revision of Section 612 – Location Markers (February 2013) 1

*Project having Fiber Optic Cable*

*Note: Used for Backbone and Lateral Pull Box locations*

Revision of Section 613 – Electrical Conduit (April 2012) 3

*Projects having electrical conduit*

Revision of Section 613 – Pull Box - General (April 2012) 1

*Projects having traffic pull boxes*

Revision of Section 614 – Blankout Sign (Fiber Optic) (April 2012) 6

*Projects having a Blankout Sign operating off of Fiber Optics*

*Note: Specification is project specific. Sign dimensions and locations must*

*be changed*

Revision of Section 614 – Blankout Sign (Fiber Optic) (Variable Speed Limit) (April 2012) 7

*Projects having a Blankout Sign operating off of Fiber Optics, displaying*

*Variable Speed Limit messages*

Revision of Section 614 – Butterfly Structure (April 2012) 3

*Projects having a Butterfly Structure*

Revision of Section 614 – Closed Circuit Television (June 2012) 3

*Projects having a CCTV*

Revision of Section 614 – Controller (Type 170E-HC11) (April 2012) 7

*Projects having a Traffic Signal Controller (includes Flashing Yellow Arrow)*

Revision of Section 614 – Controller Cabinet Foundation (March 2010) 1

*Project having a Traffic Signal Controller*

Revision of Section 614 – Ethernet Switch (February 2013) 2

*Project having a CCTV*

Revision of Section 614 – Fiber Optic Cable (Single Mode) (February 2012) 7

*Projects having Fiber Optic Cable (single mode)*

Revision of Section 614 – Flashing Beacon (Solar Powered) (April 2012) 2

*Projects having a permanent Solar Powered Flashing Beacon*

Revision of Section 614 – GPS (February 2013) 3

*Project having Traffic Signal components*

Revision of Section 614 – LED Pedestrian Signal Face (Countdown) (April 2011) 1

*Projects having Countdown Pedestrian Signal Heads*

*Note: to be used on all projects where a new signal is constructed*

Revision of Section 614 – Microwave Vehicle Radar Detector (July 2011) 5

*Projects having Ramp Metering where Loop Detectors are NOT to be used*

Revision of Section 614 – Optical Transceivers (February 2012) 2

Projects having vehicle Travel Time Indicators on arterials

Revision of Section 614 – Pedestrian Push Button Post Assembly (April 2012) 1

Projects having a separate Pedestrian Push Button Post

Note: to be used on all projects where a new signal is constructed

Revision of Section 614 – Sign Panel (Class III) (June 2011) 1

*Projects having Sign Panel (Class III)*

*Note: to be used for Sign Panel (Class I or II) when Retroreflective Sheeting XI*

*(DG3) is required*

Revision of Section 614 – Telemetry (Field) (February 2012) 2

*Projects where an existing Telemetry device is being replaced by Fiber*

Revision of Section 614 – Telemetry (Field) (Page Tap System) (February 2012) 1

*Projects having Blankout Signs where wireless phone communication is*

*warranted for the remote dial-up operation of the sign*

Revision of Section 614 – Test Fiber Optic Cable (February 2012) 6

*Projects having Fiber Optic Cable*

Revision of Section 614 – Traffic Signal (24 Inch X 24 Inch Blankout LED Sign) (April 2012) 2

*Projects having a LED Blankout Sign mounted to a signal pole*

Revision of Section 614 – Traffic Signal Equipment (April 2012) 5

*Projects having a “Yagi” antenna installed on a Traffic Pole*

Revision of Section 614 – Traffic Signal Faces (July 2012) 1

*Projects having a Signal Head for a Traffic Signal (LED Spec)*

Revision of Section 614 – Traffic Signal Vehicle Detector (Micro Type)

(Non-Invasive) (February 2012) 3

*Projects having advanced vehicle detection for a signal*

Revision of Section 614 – Vehicle Detection System (Single Camera) (February 2012) 5

*Projects having cameras for vehicle detection*

Revision of Section 627 – Epoxy Pavement Marking (Special) (April 2011) 3

*Projects having Epoxy Pavement Marking which have additional retroreflectivity*

*requirements*

Revision of Section 627 – Research Project Pavement Marking (February 2012) 1

*Projects having colored, high-friction Crosswalk Material*

Revision of Section 630 – Impact Attenuator (Truck Mounted Attenuator)

(Temporary) (April 2012) 1

*Projects having temporary Truck Mounted Attenuators*

Revision of Section 630 – Traffic Signal (Temporary) (April 2012) 2

*Projects having temporary Traffic Signals*

*Note: Paid either Lump Sum or Each*

[**http://www.coloradodot.info/library/traffic/traffic-project-special-provisions**](http://www.coloradodot.info/library/traffic/traffic-project-special-provisions)

[For 2011 Spec Book]

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DEPARTMENT OF TRANSPORTATION

STAFF TRAFFIC SPECIAL PROVISIONS

**Date No. of Pages**

Revision of Section 614 – Blankout Sign (LED) (Single Faced) 16

*Projects having Blankout Signs which display a single message*

*Note: size of display must be identified in Plans*

Revision of Section 614 – Blankout Sign (LED) (Speed Radar) 7

*Projects having Blankout Signs which display a single message and contain*

*a radar unit*

*Note: size of display must be identified in Plans*

Revision of Section 630 – Glare Screen (Temporary) 1

*Projects having temporary glare screens*

Revision of Section 614 – Micro Loop Detector Installation 1

*Projects having advanced vehicle detection with Micro Loops*

Revision of Section 614 – Paint Overhead Sign Structure 1

*Projects having Overhead Sign Structures which need to be painted*

Revision of Section 614 – Paint Overhead Sign Structure (Dark Brown) 1

*Projects having Overhead Sign Structures which need to be painted*

Revision of Section 614 – Paint Overhead Sign Structure (Mocha Brown) 1

*Projects having Overhead Sign Structures which need to be painted*

Revision of Section 614 – Sign Painting (Mocha Brown) 1

*Projects having Signs which need to be painted*

Revision of Section 614 – Sign Painting (Dark Tan) 1

*Projects having Signs which need to be painted*

Revision of Section 614 – Sign Painting (Dark Brown) 1

*Projects having Signs which need to be painted*

Revision of Section 613 – Solar Collection System 3

*Projects having Permanent Solar Collections*

Revision of Section 630 – Temporary Relocation of Logo’s & TODS Signs

During Construction 1

*Projects having Logo & TODS Signs which are to be relocated during*

*Construction*

Revision of Section 614 – Traffic Uninterruptible Power Supply (UPS) 1

*Not to be used*

*Note: Traffic Special Provision “Controller (Type 170E-HC11)” contains*

*UPS Specification*

Revision of Section 614 – Vehicle Loop Detectors 1

*Projects having Loop Detectors which are to be placed in concrete*

*Note: pay item is “Loop Detector Wire (Prefab) (Special)”*

*Note: this Specification is currently written in the 2011 CDOT Standard Specifications for Road and Bridge Construction and is NOT to be used*

Revision of Section 630 – Worksheet for Portable Message Sign

(VMS Rental) 2

*Note: paid either as Each or Day*

Revision of Section 630 – Worksheet for Portable Message Sign

(State Furnished VMS) 1

*Projects where the VMS is currently owned by the State*

Revision of Section 630 – Worksheet for Portable Message Sign

(State Purchased VMS) 2

*Projects where the VMS is to be owned by the State after completion of the project*

Revision of Section 630 – Traffic Signal (Temporary) 2

*Projects having temporary traffic signals for one lane roads*