Manual on Uniform Traffic Control Devices
Supplement for
The City of Colorado Springs
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Revised 11/16/2009
Signage and Pavement Marking Guidelines
City of Colorado Springs

Preface

This field guide is to supplement the Manual on Uniform Traffic Control Devices (MUTCD) and is provided as a guide for any contractor or agency installing or performing maintenance of signs and markings within the city limits of Colorado Springs. Due to the number of companies or agencies installing and/or upgrading signs and markings; the City of Colorado Springs has found it necessary to prepare this guide in order to maintain quality and uniformity. This document also provides useful information on points of contact with the numerous agencies in Colorado Springs. The goal of this supplement is to provide typical standards for signs and marking to minimize confusion and provide uniformity, and increase safety for the citizens of Colorado Springs.
Signage and Pavement Marking Guidelines
City of Colorado Springs

Introduction

Drivers have come to expect a consistent level of quality on the roadways they travel. Signs and Markings have a very important function in this expectation. The signs and markings on our roadway today provide the road user with visual information pertaining to regulatory issues (speed limits, no parking, stop conditions, etc.), warnings or roadway conditions (curve ahead, approaching intersection, pedestrians, construction zones, etc.) and guides/directions (interstate identification, city limits, distance to next interchange, scenic route, etc.) For these reasons, as well as the liability the city, contractor and other agencies assume, all striping and signage shall only be used where warranted by field studies as well as federal, state, and local regulations. This supplemental manual has been created under the authority of the City of Colorado Springs Engineering Division / Traffic Engineering and is intended to be a supplement of the MUTCD. No deviation from this manual or the MUTCD shall be allowed unless under the direct approval of the City of Colorado Springs Engineering Division / Traffic Engineering.

Potential users of this handbook include a wide range of individuals and agencies with varying levels of expertise and training. The objective is to provide the users with sufficient background to assist them in the installation and maintenance of roadway signage and pavement markings. It remains the contractor and/or agencies responsibility to assure that all materials used in the installation of roadway signage and pavement markings meet or exceed the City of Colorado Springs’ standards. Furthermore, no work shall be undertaken within the city’s right-of-way without proper notification of the city and the issuance of appropriate permits.
Signage and Pavement Marking Guidelines
City of Colorado Springs

Objectives

Safety: signs and markings may be used to warn the motorist of condition(s) he/she may not be expecting, such as:

♦ Potential hazards – curves, intersections, grades, truck crossings, etc.
♦ Major changes in roadway character – road narrows, one-lane Bridge, pavement ends, etc.
♦ Obstructions – bump, dip, fixed objects, low clearances, etc.
♦ Locations where hazards may exist under certain circumstances – schools, rockslide areas, slippery when wet, railroad crossing, etc.
♦ Advise driver of appropriate action – advisory speed limit, merging traffic, etc.

Uniformity: uniformity in the use of signs and markings is becoming more important with increasing demands on existing roadways. Present day driving conditions require signs and markings that a driver can see, recognize and understand quickly. Uniformity in application promotes driver observance and avoids excessive or unwarranted use of signs and markings.
General Notes: Signage and Pavement Markings

1. Installation of all striping, signs and pavement markers shall be the responsibility of the contractor.

2. The contractor shall be responsible for all removal of existing pavement markings (scarring of pavement is not permitted). At no time will it be acceptable to paint over existing pavement markings.

3. Contractor shall be responsible for overlaying or chip sealing roadway, if scarring occurs during removal of existing or temporary pavement markings. The City Traffic Engineer will determine method of pavement repair.

4. All striping and signing shall conform to the most recent adopted edition of the following manuals and their supplemental amendments:
   ♦ Manual on Uniform Traffic Control Devices (MUTCD)
   ♦ City of Colorado Springs Signage and Pavement Marking Guidelines
   ♦ City of Colorado Springs Standard Specifications
   ♦ City of Colorado Springs Public Works Design Manual

5. All signing and striping is subject to the approval of the City Traffic Engineer prior to installation and/or removal.

6. Contractor shall remove all conflicting striping, pavement markings and legends by hydro blasting, sandblasting and/or grinding. Any debris shall be promptly removed by the contractor.

7. Sign posts shall be installed with a minimum of 1 ¾” x 1 ¾” x 10’ square perforated steel square tubing with a 2”x 2”x 3’ sleeve or a 2”x 2”x 10’ square perforated steel square tubing per City of Colorado Springs standard. Street name signs measuring 9” or taller shall be mounted on a 2”x 2”x 10’ square perforated steel tubing with sleeve per City of Colorado Springs standard.

8. All traffic signs shall have a minimum of High Intensity Grade Sheeting.

9. Any deviation from the Signage and Pavement Marking Plans shall be approved by the Engineer of Work and the City Traffic Engineer prior to any changes being made in the field.
10. All signs shown on the Signage and Pavement Marking Plans shall be new signs provided and installed by the contractor, except for existing signs specifically indicated to be reset, relocated or to remain.

11. Striped crosswalks shall have an inside dimension of 10 feet and continental crosswalks shall have a minimum length of 6 feet and maximum length of 10 feet per set requirements unless indicated otherwise.

12. All limit lines/stop lines, crosswalk lines, pavement legends, and arrows (except within bike lanes) shall be a minimum of 90mil thickness thermoplastic or preform plastic tape.

13. All longitudinal lines shall be a minimum of 15mil thickness epoxy.

14. Contractor to deliver all removed signs to the City of Colorado Springs Signs/Markings Shop at 404 Fontanero Street, (719) 385-6721.

15. Contractor shall notify City Traffic Engineer at (719) 385-5908 a minimum of five (5) working days prior to and upon completion of Signage and Pavement Markings installed.
General Notes: Contractor Responsibilities

1. Before excavating, contractor shall verify location of underground utilities.

2. Contractor shall be responsible for any monumentation and/or benchmarks which will be disturbed or destroyed by construction. Such points shall be referenced and replaced with appropriate monumentation by a registered civil engineer authorized to practice land surveying.

3. Approval of these plans by the City Engineer does not authorize any work to be performed until a permit has been issued by City Engineering Inspections.

4. The approval of these plans or issuance of a permit by the City of Colorado Springs does not authorize the subdivider and owner to violate any federal, state or city laws, ordinances, regulations, or policies.

5. The contractor shall be responsible for all new, temporary and existing traffic signs from the start of the construction project until acceptance by City Traffic Engineering.

6. All traffic signs, pavement markings, and traffic signals shall meet or exceed M.U.T.C.D. standards.

7. The contractor shall not remove any existing signs, pavement markings or traffic signals during the project without signed authorization from City Traffic Engineering Inspector assigned to the project.


9. The contractor shall be responsible for all work zone traffic control. Contractor shall be responsible for furnishing, installing and maintaining the temporary traffic control devices throughout the duration of the project.

10. The contractor shall be responsible for all new, temporary and existing traffic signal modifications.

Revised 11/16/2009
Street Name Sign Format Policy

Sizes

Signalized

➢ All new locations with IISNS. Change outs as budget allows, 16” wide by 96” long
➢ Replacement of worn, lost, etc. panels – 16” blank with 9” Clearview font letters and 4” hundred block numbers with cardinal direction.

Ground Mounted

➢ Below 25 MPH – 6” blank with 4” letters
➢ 30 MPH to 40 MPH – 9” blank with 6” letters and 3” hundred block numbers
➢ Above 40 MPH – 12” blank with 8” letters and 4” hundred block numbers

Maximum Panel Length

Signalized – 16” blank wide by 96” long
Ground Mounted –
➢ Major Collectors and above – 72” maximum length blanks sandwich around 2” Telspar pole with 2 ¼ “sleeve. Mounted on opposite corners of Stop sign installation. All street name signs 24” and greater in length shall be riveted on both ends.
➢ Minor Collectors and Residential Streets – 72” maximum length blanks sandwich around 2” Telspar poles with 2 ¼ “sleeve. Mounted (above) on same pole as Stop sign. All street name signs 24” and greater in length shall be riveted on both ends.

Font Type

➢ Shall be Clearview Font, for all roadways with speed limits above 25 MPH, upper/lower case on non-residential to residential intersections.
➢ On all roadways with speed limits at are below 25 MPH, shall be Highway Gothic C, 4” font, all capital letters.
➢ Maximum reduction shall be from 100% to 90%. No greater than a 10% reduction will be allowed.

Sheeting

➢ Prismatic High Intensity Sheeting required on all street name signs

Revised 11/16/2009
**Advanced Arterial Signs**

- Placed on minor arterials and above in advance of any signalized intersection.
- Placed on major collectors (with raised medians) and above in advance of any cross-street that changes name at the intersection.
- Distance in advance of intersections shall be a minimum of 100 feet (300 feet if posted speed limit is greater than 35 MPH), in advance of a designated left-turn taper or 250 feet from the nearest cross-street curb line, whichever is greater.

**Block Numbers**

- Signalized – Dual Block Numbers of travel blocks with cardinal direction.
- Ground Mounted – 30 MPH and above, single number of cross street with cardinal direction.
- Ground Mounted – 25 MPH and below, individual number of travel block with cardinal direction.
- Dual Block Numbers shall have the travel street block number on top and cross street block number on bottom.

**Abbreviations**

Abbreviations will be allowed as needed to meet speed limit posting and sign panel size criteria. Should a street name sign need to be abbreviated, the surname shall be abbreviated first with common words in the name being abbreviated second. For example:

- Drive – Dr
- Street – St
- Road – Rd
- Circle – Cir
- Loop – Lp

* Please see Signs Detail – 8.
<table>
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<th>Important Phone Numbers</th>
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<tbody>
<tr>
<td><strong>Engineering/Traffic Engineering</strong></td>
<td>Questions Concerning Signage &amp; Pavement Marking Guidelines</td>
</tr>
<tr>
<td>30 S. Nevada Ave., Suite 401</td>
<td></td>
</tr>
<tr>
<td>Colorado Springs, CO 80903</td>
<td></td>
</tr>
<tr>
<td>Office (719) 385-5908</td>
<td></td>
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<tr>
<td>Fax (719) 385-5497</td>
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<tr>
<td><strong>Traffic Engineering Signals</strong></td>
<td>Questions Concerning Traffic Signals or Work at Signalized Intersections</td>
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<tr>
<td>404 W. Fontanero St.</td>
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<tr>
<td>Colorado Springs, CO 80907</td>
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</tr>
<tr>
<td>Office (719) 385-6721</td>
<td></td>
</tr>
<tr>
<td>Fax (719) 385-6727</td>
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<tr>
<td><strong>Traffic Engineering Signs/Markings</strong></td>
<td>Questions Concerning Signs and Pavement Markings on Public Streets</td>
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<tr>
<td>404 W. Fontanero St.</td>
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<tr>
<td>Colorado Springs, CO 80907</td>
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<tr>
<td>Office (719) 385-6720</td>
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<tr>
<td>Fax (719) 385-6727</td>
<td></td>
</tr>
<tr>
<td><strong>City Engineering Inspections</strong></td>
<td>Questions Concerning Excavation, Concrete and Traffic Control Permits</td>
</tr>
<tr>
<td>30 S. Nevada Ave., Suite 405</td>
<td></td>
</tr>
<tr>
<td>Colorado Springs, CO 80903</td>
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</tr>
<tr>
<td>Office (719) 385-5977</td>
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<tr>
<td>Fax (719) 385-5050</td>
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<tr>
<td><strong>Colorado Springs Police Department</strong></td>
<td>Notification of Street Closures and Work on Major Arterials</td>
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<td>705 S. Nevada Ave.</td>
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<tr>
<td>Colorado Springs, CO 80903</td>
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<tr>
<td>Office (719) 444-7000</td>
<td></td>
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<tr>
<td>Fax (719) 632-1663</td>
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<tr>
<td><strong>Colorado Springs Fire Department</strong></td>
<td>Notification of Street Closures and trench excavation depths 5 feet or greater in-depth</td>
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<tr>
<td>375 Printers Parkway</td>
<td></td>
</tr>
<tr>
<td>Colorado Springs, CO 80910</td>
<td></td>
</tr>
<tr>
<td>Office (719) 444-7000</td>
<td></td>
</tr>
<tr>
<td>Fax (719) 632-1663</td>
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Revised 3/1/2010
Other Agencies

Colorado Department of Transportation

Pueblo Office: Questions Concerning Permits and Work on Federal and State Highways
P.O.Box 536
905 Erie St.
Pueblo, CO 81002
Office (719) 546-5743
Fax (719) 546-5414

Springs Office: Questions Concerning Permits and Work on Federal and State Highways
1480 Quail Lake Loop - Suite A
Colorado Springs, CO 80906
Office (719) 634-2323
Fax (719) 227-3298

El Paso County Dept. of Public Works Questions Concerning Permits and Work on County Roadways
3640 Marksheffel Rd.
Colorado Springs, CO 80922
Office (719) 520-6460
Fax (719) 520-6879

School District Phone Numbers

District 49 (719) 495-3601
District 20 (719) 598-2566
District 12 (719) 475-6100
District 11 (719) 520-2000
District 2 (719) 579-2000

Utility Locating

UNCC (800) 922-1987
Traffic Signals (719) 385-6721
Qwest (719) 290-0901
Cablevision (719) 633-3444

Metro Traffic

Main Number (719) 527-9799
Fax (719) 527-1850

Springs Transit

Main Number (719) 385-7429 or (719) 385-7408
Fax (719) 385-7428

Revised 11/16/2009
# Appendix “A”

## Roadway Signage Details

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<td>Roadside Sign Installation Rural Application</td>
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<tr>
<td>Parking Sign Installation Typical</td>
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<tr>
<td>Placement of Stop or Keep Right Sign</td>
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<tr>
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<td>Street Name Sign Hardware</td>
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<td>Sky Bracket Hardware for Mast Arm</td>
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<td>Sign Position for Overhead Signs</td>
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<td>Span &amp; Tether Sign Hardware</td>
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<tr>
<td>Utility Pole Mounting Hardware</td>
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<td>Sign Layout for Multilane Roundabout</td>
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<td>Sign Layout for Single Lane Roundabout</td>
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<td>Signing for Median Greater than 30’ Wide</td>
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<td>Signing for Median Less than 30’ Wide</td>
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Pavement Marking Details

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<td>Layout for Dual Left Turn Lanes</td>
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<tr>
<td>Multilane Layout for Roundabout</td>
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<tr>
<td>Single Lane Layout for Roundabout</td>
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<tr>
<td>Yield Line Layout</td>
<td>Detail No. 9</td>
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SIGN INSTALLATION

* ALL SIGNS TO MEET MUTCD SPECS AND TO BE INSTALLED WITH 1 3/4 INCH POLE WITH A 2 INCH SLEEVE OR A 2 INCH POLE WITH A 2 1/4 INCH SLEEVE

12 GAUGE PUNCHED GALVANIZED TELSPAR POLE

7ft TYP. FROM BOTTOM OF THE SIGN TO THE SURFACE.

2 FT.
FROM EDGE OF ROAD TO EDGE OF SIGN

3FT TYP. SLEEVE (ANCHOR)

12 GAUGE SLEEVE

TYP. 2 HOLES ABOVE GRADE
ROADSIDE SIGN
BUSINESS OR RESIDENTIAL
DISTRICT

SPEED LIMIT
30

2FT TYP.

7FT. MINIMUM

3FT SLEEVE
(ANCHOR)

CITY OF COLORADO SPRINGS
TRAFFIC ENGINEERING

SIGNS AND MARKINGS
GUIDELINES

SIGNS DETAIL-2
REVISED 7/07/06
ROADSIDE SIGN
RURAL APPLICATION

SPEED LIMIT
45

6FT MINIMUM FROM EDGE OF PAVEMENT TO EDGE OF SIGN

5FT MINIMUM FROM BOTTOM OF THE SIGN TO SURFACE OF THE ROAD
PARKING INSTALLATION

2FT MIN.

NO PARKING ANY TIME

7FT MIN.

* SIGNS TO BE INSTALLED AT AN ANGLE NOT LESS THAN 30 BUT NOT MORE THEN 45 DEGREES WITH THE LINE OF TRAFFIC FLOW.

(CENTER OF RIGHT TRAFFIC LANE)
PLACEMENT OF STOP OR KEEP RIGHT

Typical Stop Installation w/No Sidewalk

15 FT MIN. SETBACK

Typical Keep Right and Object Marker Installation

10 FT MIN. SETBACK FROM NOSE OF MEDIAN

Typical Stop Sign Installation

Sidewalk

Typically 4 FT. Setback in front of Sidewalk (CROSSWALK).

2 FT FROM EDGE OF SIGN TO CURB FACE
STREET NAME SIGN
INSTALLATION

MARKS

STOP

7FT MIN.
SIGN FABRICATION STANDARDS

SPEED LIMIT 30

.080 ALUMINUM SIGN BLANK
*OR ALTERNATE MATERIAL W/APPROVAL
OF CITY STAFF

REFLECTIVE SHEETING SHALL HAVE
A SERVICE LIFE OF 10 YEARS
TYPICAL SHEETING WOULD BE
A HIGH INTENSITY GRADE

FONT STYLE IS HIGHWAY
GOTHIC "C"

*ALL SIGNAGE SHALL MEET M.U.T.C.D.
OR CITY OF COLORADO SPRINGS
TRAFFIC ENGINEERING SPECIFICATIONS

*ALL SIGNS 24" x 36" OR GREATER.
REQUIRE ADDITIONAL CHANNEL SUPPORT OR
DUAL POLE BASE SYSTEM
STREET NAME SIGN STANDARDS

25 mph or less

*MATERIAL IS HIGH INTENSITY GRADE SHEETING, LETTER STYLE IS HIGHWAY GOTHIC "C"

30, 35, 40 mph

45 mph or greater

Arterial

* LETTER STYLE FOR SIGNS 9 INCH AND LARGER SHALL BE CLEARVIEW (2W) HIGHWAY FONT.

* THE BLOCK NUMBERS ON THE ARTERIAL SIGNS WILL HAVE THE NAMED STREET ON TOP AND THE INTERSECTING STREET ON THE BOTTOM.

CITY OF COLORADO SPRINGS
TRAFFIC ENGINEERING

SIGN AND MARKINGS GUIDELINES

REVISED 9/14/09
STREET NAME SIGN HARDWARE (DETAIL)

FIRST ST

TYP. 6 INCH HIGH .080 ALLUM. BLANK WITH WHITE ON GREEN REFLECTIVE MATERIAL

TYP. 5/16 BY 1/2 INCH ALLEN HEAD BOLT

TYP. VULCAN END CAP AND T-CROSS BRACKET WITH 5 1/4 INCH BLADES

TYP. 5/16 BY 1/2 INCH ALLEN STUD

TYP. 1 3/4 OR 2 INCH 12 GAUGE (PUNCHED) TELSPAR POLE

MOUNTING DETAIL FOR STREET NAME SIGNS 42 INCHES AND LARGER (OR 9 INCHES AND WIDER)

SIDE VIEW

TYP. 5/16 INCH-by-2 1/2 INCH BOLT

TYP. 5/16 INCH FLAT WASHER

TYP. 5/16 INCH NUT

TYP. 3/16 BY 1/4 INCH POP RIVET

TYP. 5/16 INCH LOCK WASHER

6 INCH HIGH SINGLE FACED STREET NAME SIGN

*STREET NAME SIGNS 9 INCH AND WIDER REQUIRE A 2 INCH 12 GAUGE POLE

BOLT
POLE
RIVET
TOP VIEW

*THIS DETAIL IS FOR 6 INCH WIDE BLANKS LESS THAN 42 INCHES LONG

CITY OF COLORADO SPRINGS
TRAFFIC ENGINEERING

SIGNS AND MARKINGS
GUIDELINES

SIGNS DETAIL-10
REVISED 9/21/06
Mast Arm Arterial

Optional location with approval of city staff

Preferred location of arterial

17 ft. minimum

* Refer to sign detail-12 for proper mounting
SKY BRACKET

MAST ARM OR POST (NOT FURNISHED)

Arm Band (2 req'd.)

Band Buckle (2 req'd.)

Pressure Screw (2 req'd)

Saddle

Swivel

Swivel Lock Screw, Flat, & Lock Washers (2 Sets req'd.)

1086-17 U Clamp and Saddle

1086-26 Hex Keps Nuts

0389-1 Sign Bracket, Aluminum Extrusion

1086-26 Hex Keps Nuts

*MAXIMUM SIGN SURFACE
NOT TO EXCEED 2000 SQUARE INCHES
SIGN POSITION
FOR LANE ASSIGNMENT AND ARTERIAL STREET NAME SIGNS

ARTERIAL INSTALLATION
(INSTALL 18 INCHES BELOW TETHER)

TYP. LANE ASSIGNMENT
(ALIGN ABOVE TRAVEL LANES)

SPAN

TETHER

MAIN ST

MAINTAIN MINIMUM
17 FT CLEARANCE
SPAN AND TETHER MOUNTING OF LANE ASSIGNMENT SIGN (DETAIL)

- Extrusion
- Span wire
- Tether wire

Typ. 1/2 inch nylon locking nuts

Typ. Signfix mounting brackets for span and tether

Typ. 3/8 inch drive rivet

Signfix large corner angle extrusion

Typ. 1 3/16 inch lip-lok bolt

Tether wire

Sign panel

Side view
STREET NAME SIGN
AND SPEED LIMIT
MOUNTED ON UTILITY POLE
(STREET LIGHTS, POWER POLES, ETC.)

BANDING SHALL BE
.030 5/8 INCH
STAINLESS STEEL

6 INCH MIN.
SEPERATION

RON DR

SPEED LIMIT
45

METRO OR JUMBO
WING BRACKET

* MOUNTING OF SIGNS ON EXISTING
UTILITY POLES REQUIRES PRIOR
CITY APPROVAL.

* REFER TO SIGNS DETAIL-16
FOR PROPER MOUNTING
UTILITY POLE MOUNTING
(DETAIL)

*FOR ARTERIAL STREET NAME
SIGN MOUNTING REFER TO
SIGNS DETAIL 12(SKY BRACKET)
STANDARD ROUNDABOUT SIGNS

R1-2

R6-1 (R)

W1-12

W2-6

W13-1

R3-8c (r1)

R3-8c (r2)

R3-8c (r3)

15 MPH OR 20 MPH

BIJOU 600 E ST
D3-1

STATE LAW
TO
WITHIN CROSSWALK

YIELD

ONE WAY

CITY OF COLORADO SPRINGS
TRAFFIC ENGINEERING

SIGNS AND MARKINGS
GUIDELINES

SIGNS DETAIL-17
REVISED 7/12/06
ONE WAY SIGNING FOR DIVIDED HIGHWAYS WITH MEDIANS GREATER THAN 30 FT.
ONE WAY SIGNING FOR DIVIDED HIGHWAYS WITH MEDIANS LESS THAN 30 FT.
* DISTANCE BETWEEN SIGNS DEPENDS ON SITE CONDITIONS AND ENGINEERING EVALUATION
MARKINGS IDENTIFICATION

SKIP LINE
(4 INCH WHITE)

BARRIER LINE
(8 INCH WHITE)

EDGE OF TRAVEL WAY
PAVEMENT OR CURB

DOUBLE YELLOW
(4 INCH YELLOW)

CONTINUOUS LEFT TURN LANE
(4 INCH SOLID YELLOW OUTSIDE
4 INCH YELLOW SKIP INSIDE)

STOP BAR
(2 FT WHITE AT SIGNALIZED
INTERSECTIONS 1 FT AT
STOP CONTROLLED)

CROSSWALK
(2 FT WIDE AT SCHOOL
CROSSINGS AND 1 FT WIDE
AT OTHER PED. CROSSINGS)

EDGE LINE
(4 INCH WHITE)
BIKE LANE
(6 OR 8 INCH WHITE)

PAVEMENT MARKING ARROW
(SOLID WHITE)

BARRIER LINE
(8 INCH WHITE)

GUIDELINES
(8 INCH WHITE
WHERE SHIFTING OR
GUIDING TRAFFIC)

*REFER TO MARKINGS
DETAIL- 2, 3 AND 4
FOR APPLICATION
MARKINGS STANDARDS

1. SKIP LINE

2. DOUBLE YELLOW

3. STOP BAR

4. CONTINUOUS LEFT TURN LANE
5. CROSSWALK

6. PAVEMENT MARKING ARROW

7. EDGE LINE - BIKE LANE

8. BARRIER LINE

REVISED 11/28/01
9. GUIDELINE MARKINGS

*ONLY USED WHEN SHIFTING OR GUIDING TRAFFIC

8 INCH WIDE 3 FT LONG WITH 10 FT GAPS (WHITE LINES)

10. SHARED LANE ARROWS

TYP. 13FT LONG
LAYOUT FOR DUAL LEFT TURNS

8 INCH WIDE 3 FT LONG DASHED GUIDELINES

12 FT

12 FT

14 FT

14 FT

30 FT MINIMUM
BIKE LANE LAYOUT

- Maintain 11 ft minimum lane width
- 6 ft minimum to 6 ft max. from the face of curb.
- Pavement arrow
  *Refer to marking detail -3

- 65 ft
- 100 ft (0 to 50 mph)
- 200 ft (over 50 mph)
STRIPPING LAYOUT FOR MULTILANE ROUNDABOUTS

*REFER TO SIGNS DETAIL 18 FOR SIGN PLACEMENT

PAVEMENT ARROW (*SEE MARKINGS DETAIL-3)

4 INCH DOUBLE YELLOW LINE

RAISED ISLAND

CROSSWALK

8 INCH BY 3 FT DASHED LINE

CENTER ISLAND

YIELD LINE (*SEE MARKINGS DETAIL-5)

BARRIER LINE

CITY OF COLORADO SPRINGS TRAFFIC ENGINEERING
SIGN AND MARKINGS GUIDELINES
MARKINGS DETAIL-7 REVISED 9/28/06
STRIPPING LAYOUT FOR
SINGLE LANE ROUNDBABOUT

4 INCH DOUBLE YELLOW LINE

RAISED ISLAND

12 INCH BY 3 FT DASHED LINE

CENTER ISLAND

YIELD LINE
(*SEE MARKINGS DETAIL-4)

CROSSWALK

YIELD

*REFER TO SIGN DETAIL-19
FOR SIGN PLACEMENT

CITY OF COLORADO SPRINGS
TRAFFIC ENGINEERING

SIGNS AND MARKINGS
GUIDELINES

MARKINGS DETAIL-8
REVISED 9/28/06
YIELD LINE LAYOUT

(3 TO 12 INCHES)

12 IN
18 IN

*MINIMUM DIMENSIONS

(3 TO 12 INCHES)

24 IN
36 IN

*MAXIMUM DIMENSIONS

12 FT

DIRECTION OF TRAVEL

*TRIANGLE LENGTH IS EQUAL TO 1.5 TIMES THE BASE DIMENSION