

**FINAL TEXT RECOMMENDATIONS TO COUNCIL**  
**By**  
**REGULATORY/WARNING SIGNS TECHNICAL COMMITTEE**

**National Committee on Uniform Traffic Control Devices**

**Not Approved by the NCUTCD Council**

**DATE OF ACTION: 6-18-06**

**TECHNICAL COMMITTEE: Regulatory/Warning Sign TC**

**TASK FORCE: FHWA 2006 New issues – Issue # 6 and issue # 24**

**DATE OF ACTION:** 5-7-05 TASK FORCE revised 5-15-05 revised 5-18-05, revised 5-25-05, revised 11-04-05, revised 12-11-05; approved 1-19-06 by RWSTC. **Approved by TTC and G/MI on 1-19-06**; sent to Sponsors March 2006;

**REQUEST NUMBER**

**TOPIC:** Section 2A.18 and Section 6F.03 Mounting height of signs

**ORIGIN OF REQUEST:** NPA R/W Sign issues - FHWA

**DISCUSSION:**

**Problem statement:** (FROM NPA)

Make sure that Section 2A.18 and 6F.03 discussion about Mounting Height is consistent.

The standard statement needs to be clear that it is vertical height even though Fig 2A-1 depicts it that way.

Figure 2A-1 indicates a 7' mounting height measured from the top of the curb in one detail and measured from the roadway surface where used in the median.

**Response:**

While these two sections need to be consistent, there are differences between temporary signs and permanent sign installations.

1. Section 2A.18 under the **Standard** paragraph uses the term rural district. Section 6F.03 uses the term rural areas. Section 2A.18 needs to be changed to rural areas.
2. Section 2A.18 under the **Standard** paragraph says:

**Where parking or pedestrian movements occur, the clearance to the bottom of the sign shall be at least 2.1m (7 ft)**

Section 6F.03 says

**In business, commercial, and residential districts where parking and or bicycle or pedestrian movement is likely to occur, or where there are obstructions to view, the distance between the bottom of the sign and the top of the near edge of the traveled way shall be at least 2.1 m (7 ft).**

Both sections need to be changed to clarify as noted below. The Temporary Traffic Control technical committee needs to provide their approval of the change of this language to 6F.03.

3. 6F.03 guidance paragraph contains language as follows: “Signs mounted lower than 2.1 m (7 ft) should not project more than 100 mm (4 in) into pedestrian facilities.” While this paragraph is not in 2A.18, it is not considered an inconsistency, since 6F.03 is dealing with a temporary condition.
4. Change 2A.18 so it is clear that this is vertical dimension.
5. Change Figure 2A-1 to indicate 7’ clearance from the top of curb where pedestrians might be. Change Figure 2A-1 headings from ROADSIDE SIGN RURAL DISTRICT to read ROADSIDE SIGN RURAL AREA. Change ROADSIDE SIGN BUSINESS OR RESIDENCE DISTRICT to read ROADSIDE SIGN URBAN AREA. Change ROADSIDE ASSEMBLY RURAL DISTRICT to read ROADSIDE ASSEMBLY RURAL AREA. Change the sign on median nose to indicate vertical measurement is from top of curb to bottom of sign.
6. Change Figure 2H-3 headings from RURAL DISTRICT to read RURAL AREA and BUSINESS OR RESIDENCE DISTRICT to read URBAN AREA on the details. Remove the curb and gutter from the lower left detail of Figure 2H-3 to illustrate an urban detail without curb and gutter. **The G/MI Technical committee approved this change on 1-19-06**
7. Change Figure 6F-1 headings from RURAL DISTRICT to read RURAL AREA. Change the detail on the left from URBAN DISTRICT to URBAN AREA. Change the detail on the right from URBAN DISTRICT TO URBAN AREA WITHOUT WALKWAY, and delete the curb in order to match the text in 6F.03. **The Temporary Traffic Control Technical committee has approved this change on 1-19-06.**

### **Proposals**

1. Change the language in 2A.18 to RURAL AREAS in lieu of RURAL DISTRICTS.
2. Change the language in 2A.18 from “business, commercial, and residential areas where parking and or bicycle or pedestrian movement is likely to occur...” to “urban areas where parking or pedestrian movement is likely to occur”
3. Change the language in 2A.18 and 6F.03 regarding 7’ mounting height.
4. Change 2A.18 so it is clear that this is vertical dimension.
5. Change Figures 2A-1, 2H-3, and 6F-1 to revise clearance details, change “district” to “area”.

**RECOMMENDED WORDING: (Changes to Section 6F were approved by the Temporary Traffic Control Technical Committee on 1-19-06. Changes to Section 2D were approved by Approved by the G/MI Technical Committee on 1-19-06.)**

Removed text in ~~red strikeout~~ and new text is red underlined. Changes in **yellow** are a result of sponsor comments.

Change Section 2A.18 Mounting Height as follows:

**Standard:**

Signs installed at the side of the road in rural **areas** ~~districts~~ shall be at least 1.5 m (5 ft), measured vertically from the bottom of the sign to the elevation of the near edge of the pavement as illustrated in Figure 2A-1.

~~Where parking or pedestrian movements occur, the clearance to the bottom of the sign shall be at least 2.1 m (7 ft). In urban areas where parking and or pedestrian movement is likely to occur, or where there are obstructions to view, the vertical distance between the bottom of the sign and the top of curb, shall be at least 2.1 m (7 ft) as illustrated in Figure 2A-1, or in the absence of curb, measured to the near edge of the traveled way.~~

Signs mounted above sidewalks shall be at least 2.1 m (7 ft) above the sidewalk.

Change Section 6F.03 Sign Placement as follows:

Ground-mounted signs installed at the side of the road in rural areas shall be mounted at a height at least 1.5 m (5 ft), measured from the bottom of the sign to the near edge of the pavement. In ~~business, commercial, and residential districts~~ urban areas where parking and or ~~bicycle or~~ pedestrian movement is likely to occur, or where there are obstructions to view, the vertical distance between the bottom of the sign and the top of curb, or in the absence of curb, measured to the near edge of the traveled way, shall be at least 2.1 m (7 ft) as illustrated in Figure 6F-1.

Signs mounted above sidewalks shall be at least 2.1 m (7 ft) above the sidewalk.

In *Figure 6F-1*, Change “District” to “Area”.

Change Section 2A.19 Lateral Offset as follows:

**Guidance:**

For ground-mounted signs, the minimum lateral offset should be 1.8 m (6 ft) 3.7 m (12 ft) from the edge of the traveled way. If a shoulder ~~wider than 1.8 m (6 ft)~~ exists, the minimum lateral offset for ground-mounted signs should be 1.8 m (6 ft) from the edge of the shoulder.

Change Section 2D.37 Location of Distance Signs as follows:

**Guidance:**

If used, Distance signs should be installed on important routes leaving municipalities and just beyond intersections of numbered routes in rural areas. If used, they should be placed just outside the municipal limits or at the edge of the built-up ~~district~~ area if it extends beyond the limits.

Change Section 2D.38 Street Name Sign (D3-1) as follows:

Guidance:

In business ~~districts~~ areas and on principal arterials, Street Name signs should be placed at least on diagonally opposite corners.

The following change to Section 8B.04 is considered editorial since the word district is being removed throughout the manual for consistency.

**Section 8B.04 Highway-Rail Grade Crossing Advance Warning Signs (W10 Series)**

**Standard:**

**C. In business ~~districts~~ areas where active highway-rail grade crossing traffic control devices are in use; or**

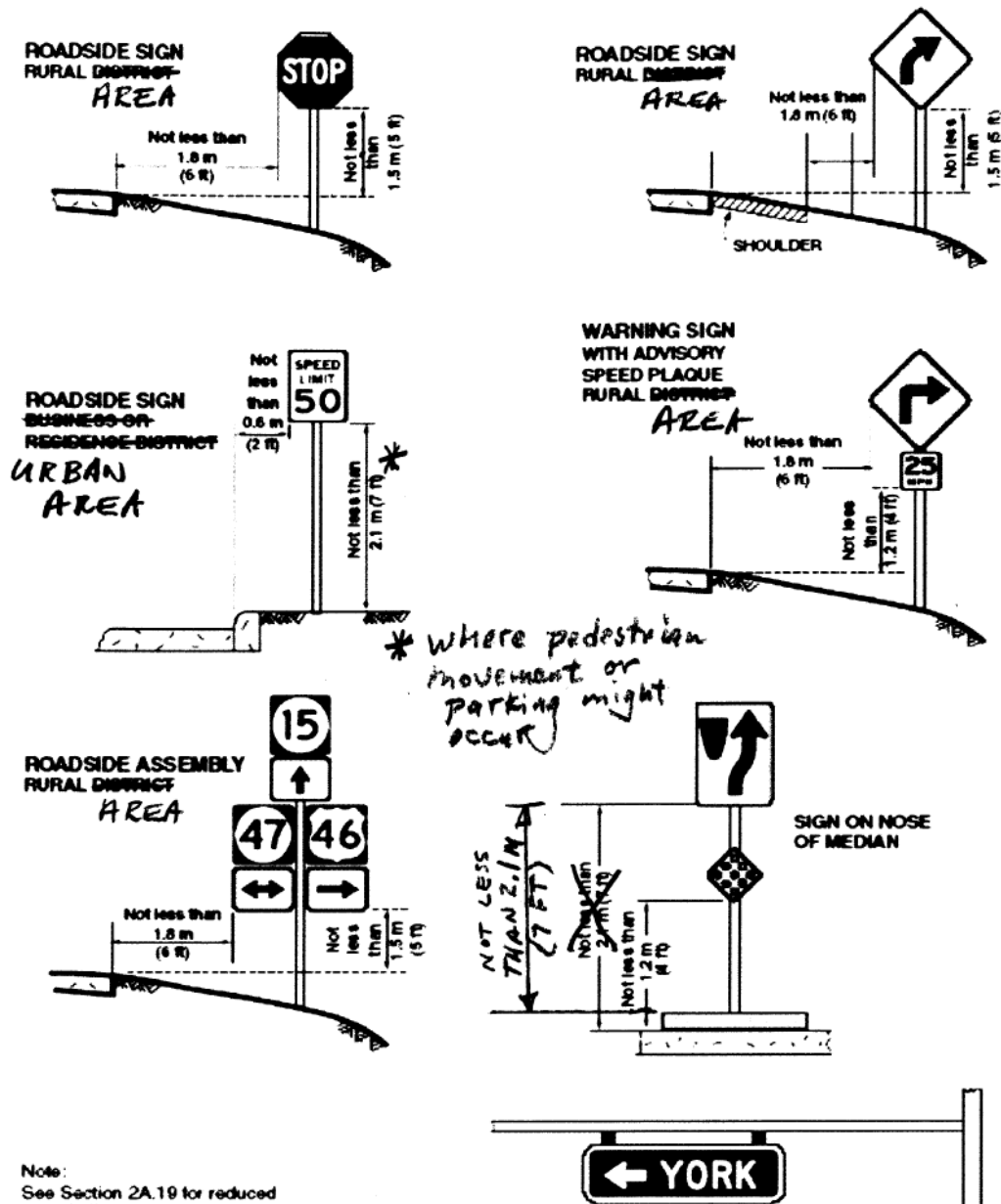
Change Figures 2A-1, 2H-3, and 6F-1 as shown on the following pages.

Change Figure 2A-1 to indicate 7' clearance from the top of curb where pedestrian movement or parking might occur. Change Figure 2A-1 headings to read ROADSIDE SIGN RURAL DISTRICT to read ROADSIDE SIGN RURAL AREA for both warning and regulatory signs details. Change ROADSIDE SIGN BUSINESS OR RESIDENCE DISTRICT to read ROADSIDE SIGN URBAN AREA for both regulatory and warning sign details. Change ROADSIDE ASSEMBLY RURAL DISTRICT to read ROADSIDE ASSEMBLY RURAL AREA. Change the sign on median nose to indicate vertical measurement is from top of curb to bottom of sign.

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**Figure 2A-1. Examples of Heights and Lateral Locations of Signs for Typical Installations**



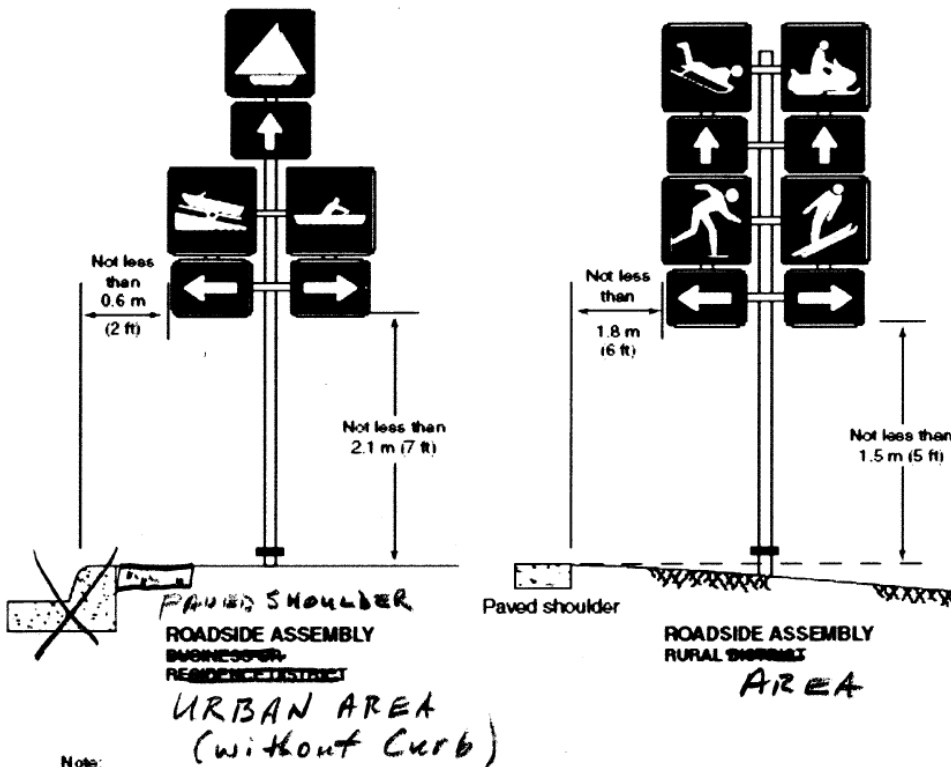
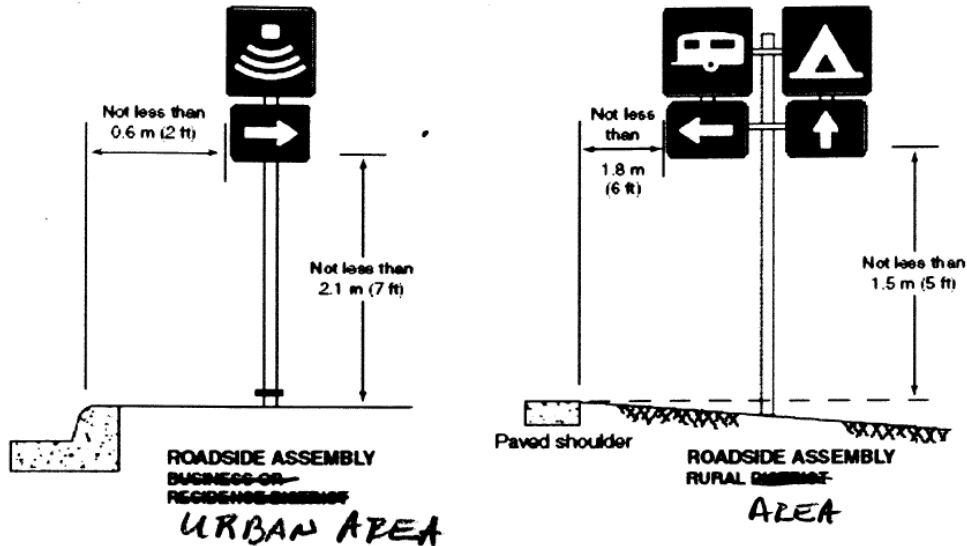
Change Figure 2H-3 headings from RURAL DISTRICT to read RURAL AREA and BUSINESS OR RESIDENCE DISTRICT to read URBAN AREA on all the details. Omit the curb on the bottom left detail to illustrate an urban area without curb.

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**Figure 2H-3. Height and Lateral Position of Signs Located Within Recreational and Cultural Interest Areas**



Note:  
See Section 2A.19 for reduced lateral offset distances that may be used in areas where lateral offsets are limited, and in urban areas where sidewalk width is limited or where existing poles are close to the curb.

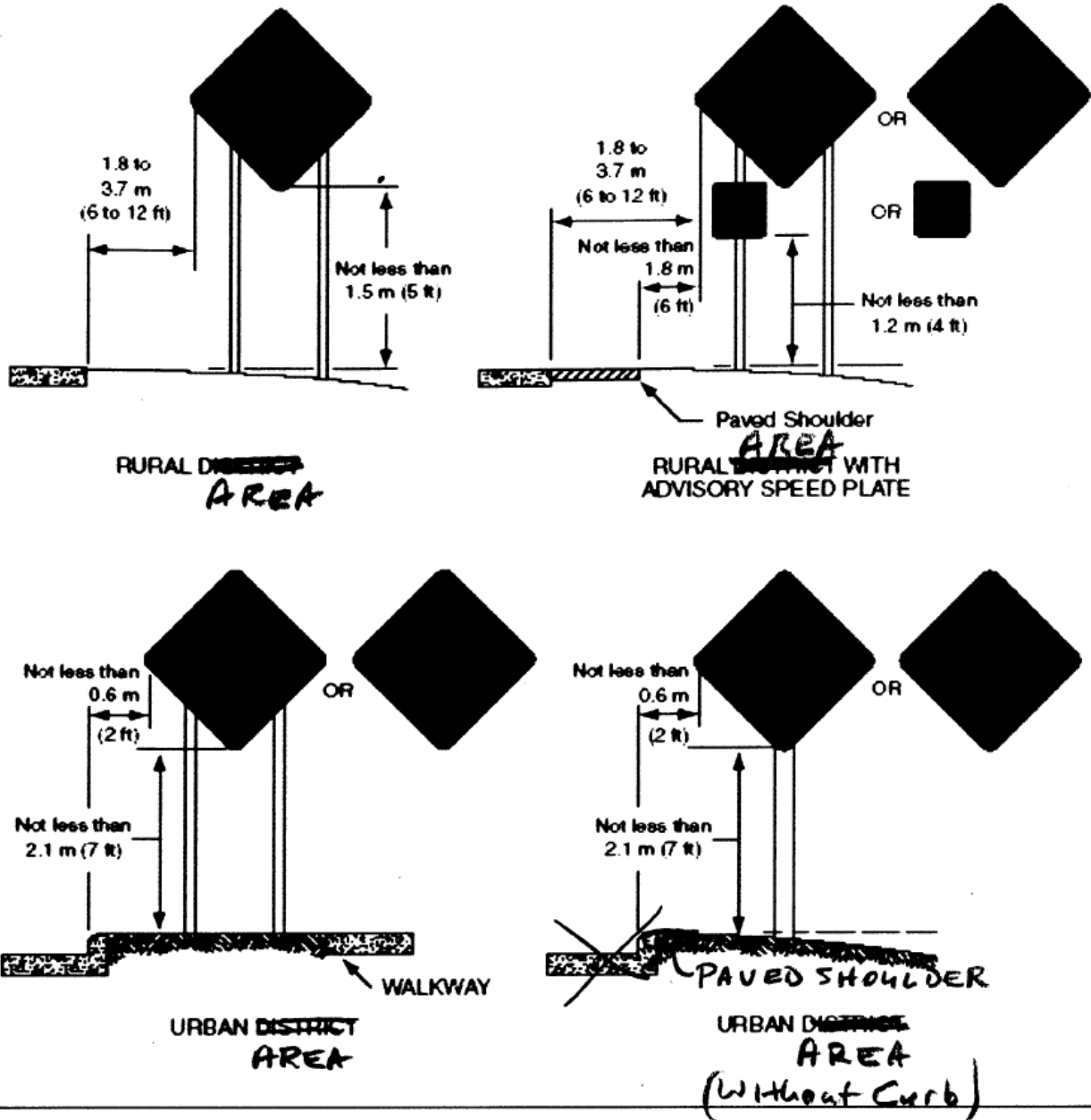
Change Figure 6F-1 headings from RURAL DISTRICT to read RURAL AREA and change the detail on the left from URBAN DISTRICT to URBAN AREA. Change the detail on the right from URBAN DISTRICT TO URBAN AREA WITHOUT WALKWAY (delete the curb).

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**Figure 6F-1. Height and Lateral Location of Signs—Typical Installations**



VOTE:

For: Majority

Opposed: 0

Abstained: 1