Road work ahead

One lane road ahead

Be prepared to stop

Spreading fines doubled when workers present

Distance Between Signs

<table>
<thead>
<tr>
<th>Speed (mph)</th>
<th>Sign Designation</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 to 30</td>
<td>Speed Warning</td>
<td>250</td>
<td>300</td>
<td>350</td>
<td>400</td>
</tr>
<tr>
<td>30</td>
<td>Speed Warning</td>
<td>300</td>
<td>400</td>
<td>450</td>
<td>500</td>
</tr>
<tr>
<td>45</td>
<td>Speed Warning</td>
<td>150</td>
<td>200</td>
<td>250</td>
<td>300</td>
</tr>
<tr>
<td>55 or greater</td>
<td>Speed Warning</td>
<td>100</td>
<td>150</td>
<td>200</td>
<td>250</td>
</tr>
</tbody>
</table>

* The ROAD WORK AHEAD sign may be used as an alternate to the ROAD WORK AHEAD sign.
** 500' beyond the ROAD WORK AHEAD sign or midway between signs whichever is less.
*** BE PREPARED TO STOP sign may be omitted for speeds 45 MPH or less.

Symbols:

- Work Area
- Sign With 18" x 18" (Min.) Orange Flag And Type B Light
- Type I, Type II Or Type III Barricade Or Vertical Panel Or Drum
- Channelizing Device (See Index No. 600)
- Work Zone Sign
- Flagger
- Automated Flagger Assistance Devices (AFAD), With Lights
- Lane Identification + Direction of Traffic

Table I: Device Spacing

<table>
<thead>
<tr>
<th>Speed (mph)</th>
<th>Cones or Tubular Markers</th>
<th>Type I or Type II Barricades or Vertical Panels or Drums</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 to 45</td>
<td>50</td>
<td>20 Taper/Taper</td>
</tr>
<tr>
<td>50 to 70</td>
<td>50</td>
<td>20 Taper/Taper</td>
</tr>
</tbody>
</table>

General Notes:

1. Work operations shall be confined to one traffic lane, leaving the opposite lane open to traffic.
2. Additional one-way control may be effected by the following means:
   (1) Flag-carrying vehicles
   (2) Official vehicle
   (3) Pilot vehicles
   (4) Traffic signals
   When flaggers are in the sole means of one-way control, the flaggers shall be in sight of each other or in direct communication at all times.
3. The ONE-LANE ROAD signs are to be fully covered and the FLASHER signs either removed or fully covered when no work is being performed and the highway is open to two-way traffic.
4. When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TOS Indexes.

Buffer Space

When Buffer Space cannot be maintained due to geometric constraints, the greatest achievable length should be used, but not less than 200 ft.

Duration Notes:

1. ROAD WORK AHEAD and the BE PREPARED TO STOP signs may be omitted if all of the following conditions are met:
   a) Work operations are 60 minutes or less.
   b) Speed limit is 45 mph or less.
   c) No site obstructions to vehicles approaching the work area for a distance equal to the buffer space.
   d) Vehicles in the work area have high-intensity rotating, flashing, oscillating, or strobe lights operating.
   e) Volume and complexity of the roadway has been considered.

Conditions:

Where any vehicle equipment, workers, or their activities encroach upon the area between the center line and a line 5' outside the edge of travel way.
ROAD WORK AHEAD

ONE LANE ROAD AHEAD

STOP

RED/YELLOW AFAD

METHOD 2 - 1 AFAD AND A FLAGGER

AUTOMATED FLAGGER ASSISTANCE DEVICES (AFAD)

1. When used at night, the AFAD flagging station shall be illuminated.

2. When the AFAD is not in use, it shall be moved outside the clear zone or be shielded by a barrier or crash cushion and the signs associated with the AFAD shall be removed or covered.

3. Duration notes shown on sheet 1 of 2 do not apply when AFAD are used.

Notice: The Florida Department of Transportation has received approval from FHWA to experiment with the use of the automated flagger assistance devices (AFAD). AFAD's shall only be used when called for in the plans that include the appropriate pay item and developmental specification or approved by the State roadway Design Office.

DISTANCE BETWEEN SIGNS

<table>
<thead>
<tr>
<th>Speed (mph)</th>
<th>Spacing (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>40 or less</td>
<td>200 200 200 100</td>
</tr>
<tr>
<td>50</td>
<td>500 500 500 500</td>
</tr>
<tr>
<td>60 or greater</td>
<td>600 600 600 600</td>
</tr>
</tbody>
</table>

# (See Sheet 1 Notes)
## (See Sheet 1 Notes)

Sheet No. 2008 FDOT Design Standards
Index No. 603
Revision 07/01/07

Last 2 of 2