

TEMPORARY TRAFFIC CONTROL Pocket Reference Guide (PRG4A)



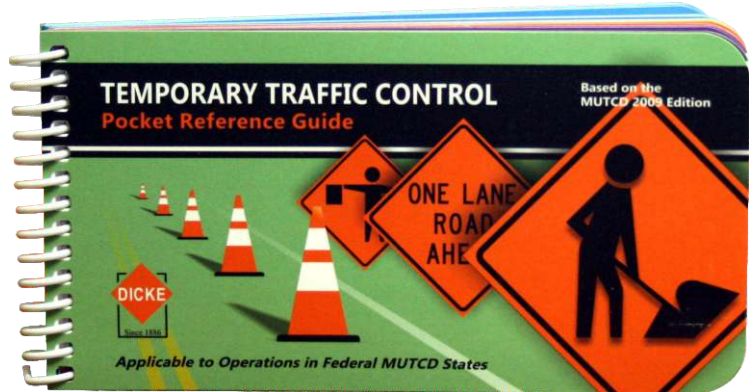
Help protect workers from construction work zone hazards.

With continual traffic congestion, frustrated drivers, and deteriorating infrastructure, roadway work zone accidents have soared to an all-time high. **There are solutions** - insure that the right information is communicated and made available to each roadway worker exposed to danger. Positively guide motorists through work zones with proper equipment and placement and bring work zones into compliance with Federal and State DOT requirements and OSHA standards.

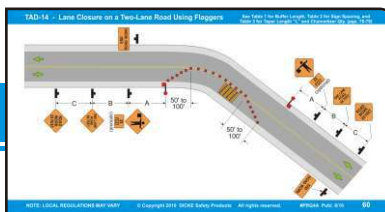
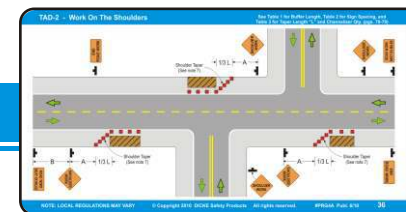
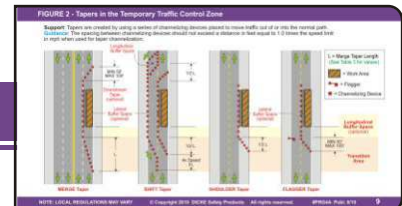
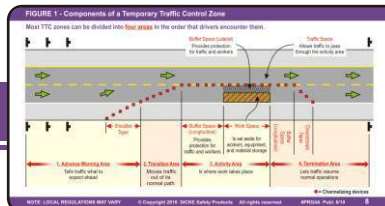
**BASED ON THE
2009
MUTCD**

Economical Job Aid for Technicians

- Based on the current Federal MUTCD.
- 80 thick, laminated, "field durable" pages.
- Quick reference charts and tables.
- Quick reference typical work zone drawings.
- Easy to use and easy application to roadways.
- Compact 7" x 3-5/8" size.



Work Zone Components and Definitions



Typical Application Diagrams

Equipment and Procedures

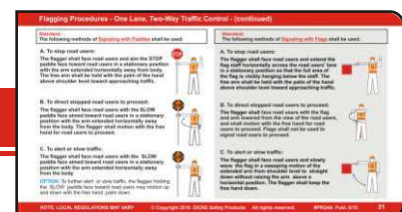
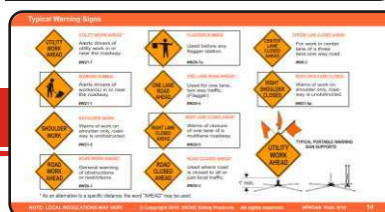


Table 1 - Stopping Sight Distance - Table 2 - Warning Sign Spacing

TABLE 1 - Stopping sight distance as a function of speed
Caution: Use only for design purposes. Do not use for legal purposes. These distances may be used for design purposes only. Do not use for legal purposes. Check your local regulations for questions.

| Speed - mph | Distance - ft | Channelization - ft |
|-------------|---------------|---------------------|
| 20 | 115 | 6 |
| 25 | 135 | 7 |
| 30 | 200 | 7 |
| 35 | 250 | 8 |
| 40 | 305 | 8 |
| 45 | 360 | 9 |
| 50 | 420 | 9 |
| 55 | 495 | 9 |
| 60 | 570 | 10 |
| 65 | 645 | 10 |
| 70 | 720 | 11 |
| 75 | 820 | 11 |

TABLE 2 - Suggested advance warning spacing
Advance warning sign spacing. Use the minimum value in each row or agency to agency. These distances may be used for design purposes only. Do not use for legal purposes. Check your local regulations for questions.

| Road Type | Distance Between Signs | | |
|----------------------|------------------------|--------|--------|
| | A | B | C |
| Urban (Low speed) | 100' | | |
| Urban (High speed) | 350' | | |
| Rural | 500' | | |
| Expressway - Freeway | 1,000' | 1,500' | 2,640' |

Table 3 - Suggested Taper Length and Channelization Quantity Index - (Feet and MPH)

| Mileage Taper - "L" | Shift Taper - "1/2 L" | | Shoulder Taper - "1/3 L" | | Min. Taper Length |
|---------------------|-----------------------|-----|--------------------------|-----|-------------------|
| | Feet | MPH | Feet | MPH | |
| 100 | 100 | 30 | 33 | 30 | 100 |
| 150 | 150 | 45 | 50 | 45 | 150 |
| 200 | 200 | 60 | 67 | 60 | 200 |
| 250 | 250 | 75 | 83 | 75 | 250 |
| 300 | 300 | 90 | 100 | 90 | 300 |
| 350 | 350 | 105 | 117 | 105 | 350 |
| 400 | 400 | 120 | 133 | 120 | 400 |
| 450 | 450 | 135 | 150 | 135 | 450 |
| 500 | 500 | 150 | 167 | 150 | 500 |
| 550 | 550 | 165 | 183 | 165 | 550 |
| 600 | 600 | 180 | 200 | 180 | 600 |
| 650 | 650 | 195 | 217 | 195 | 650 |
| 700 | 700 | 210 | 233 | 210 | 700 |
| 750 | 750 | 225 | 250 | 225 | 750 |
| 800 | 800 | 240 | 267 | 240 | 800 |
| 850 | 850 | 255 | 283 | 255 | 850 |
| 900 | 900 | 270 | 300 | 270 | 900 |
| 950 | 950 | 285 | 317 | 285 | 950 |
| 1000 | 1000 | 300 | 333 | 300 | 1000 |

Tables and Indexes



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