









| What is in the | | | | |
|---|--|--------------------------------------|----------------------------------|--|
| Part I – Treatments: 144 Recommendations | | | | |
| Category | Proven Practices | *Promising Practices | Total Treatments | |
| Chapter 2: Intersections | 16 | 8 | 24 | |
| Chapter 3: Interchanges | 6 | 2 | 8 | |
| Chapter 4: Roadway Segments | 4 | 6 | 10 | |
| Chapter 5: Work Zones | 5 | 2 | 7 | |
| Chapter 6: Highway-Rail Grade Crossings | 2 | 0 | 2 | |
| Total | 33 | 18 | 51 | |
| *Promising Practices: Tre though not fully evaluate | atments being under de la construction de la construcción de la constr | ised by one or n to benefit aging | nore agencies, roadway users. | |
| | | | 1 | |

What is in the Handbook?

RESOURCE CENTER

Part II – Rationale and Supporting Evidence

One treatment category per chapter:

- Chapter 7: Intersections
- Chapter 8: Interchanges
- Chapter 9: Roadway Segments
- Chapter 10: Construction/Work Zones
- Chapter 11: Highway-Rail Grade Crossings

Appendices:

- Supplemental Technical Notes Photograph and Image Credits •
- •
- Glossary & References































Chapter 2: Intersections – Proven Practices

() Right-Turn Traffic Control for Signalized Intersections

Pedestrian Protection

MUTCD R10-15 signs are recommended:

- > Use where engineering judgment indicates a clear potential for right-turning vehicles conflict with crossing pedestrians
- > Yellow background color may be used instead of fluorescent yellow-green as shown











Chapter 2: Intersections – Proven Practices

🚯 Pedestrian Crossings 🌉

Countdown Signals

Countdown pedestrian signals should be installed at all signalized intersections where pedestrian signals are warranted

- Required when the Pedestrian Change Interval (PCI) is greater than 7seconds (MUTCD 4E.07)
- PCI consists of the flashing UPRAISED HAND phase (symbolizing DONT WALK)



















- Pedestrian does not have to push a button to request a WALK signal or extended crossing time
- > Sensors detect presence of pedestrians within crosswalk

Chapter 4: Roadway Segments – Promising Practices

Road Diets

Involves converting an undivided four-lane roadway into three lanes made up of two through lanes and a center two-way left turn lane:

- Reduction of lanes allocates space for other road users (bikes, peds, parking)
- A road diet should be included among the options when performing a safety evaluation or road safety audit



HIGHWAY DESIGN FOR OLDER DRIVERS AND

If you design for the Old You include the young If you design for the Young

You exclude the Old

Dr. Bernard Isaacs, Renowned Geriatric Physician and Author

