

| STANDARDS 10 | | | | |
|---------------|--|------------------------|--------------|--|
| MPH) | | | | |
| 60 | 65 | 70 | | |
| 1505 | $\left \right\rangle$ | $\left \right\rangle$ | | |
| 1340 | $\left \right\rangle$ | $\left \right\rangle$ | SEE PAGE 145 | |
| 1205 | 1485 | 1820 | | |
| 3 | 3 | 3 | | |
| 4 | 4 | 4 | SEE PAGE 450 | |
| 6 | 5 | 5 | | |
| 5 | $\left \right\rangle$ | $\left \right\rangle$ | | |
| 6 | $\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{\mathbf{$ | \mathbf{X} | SEE PAGE 476 | |
| 8 | $\mathbf{\mathbf{X}}$ | \mathbf{X} | | |
| 570 | 645 | 730 | SEE PAGE 449 | |
| 151 | 193 | 247 | SEE PAGE 274 | |
| 136 | 157 | 181 | SEE PAGE 280 | |
| 2135 | 2285 | 2480 | SEE PAGE 449 | |
| 1628 | 1865 | 2197 | SEE PAGE 276 | |
| ND RD01-SE-3. | | | | |

| | GENERAL NOTES |
|---|---|
| | (A) SEE GUARDRAIL STANDARD DRAWINGS FOR TYPICAL GUARDRAIL PLACEMENT. |
| | B PAGE NUMBERS REFERRED TO ON THIS DRAWING ARE FROM "A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS," AASHTO, 2001, UNLESS OTHERWISE NOTED. |
| | © REFERENCE SHOULD ALSO BE MADE TO THE "ROADSIDE DESIGN GUIDE," AASHTO, 2002. |
| FOOTNOTES | D DESIRABLE RIGHT-OF-WAY IS SLOPE LINES PLUS FIFTEEN FEET TO TWENTY FEET. |
| SEE DETAIL E FOR GUARDRAIL PLACEMENT AND GUARDRAIL STANDARD DRAWINGS (S-GR-SERIES). SEE DETAILS A, B, C, OR D FOR ROUNDING. | E ALL NEW AND REHABILITATED BRIDGES SHALL BE DESIGNED FOR HS-20 LOADING. THE MINIMUM CLEAR WIDTH FOR NEW AND REHABILITATED BRIDGES SHALL BE EQUAL TO THE FULL WIDTH OF THE APPROACH ROADWAY, CURB-TO-CURB OR FULL SHOULDER WIDTH AS APPLICABLE. |
| CLEAR ZONE WIDTH SHALL BE DETERMINED FROM STANDARD DRAWING RD01-S-12. SEE THE "ROADSIDE DESIGN GUIDE," AASHTO, 2002, FOR FURTHER INFORMATION ON CLEAR ZONES. | FOR EXISTING BRIDGES TO REMAIN IN PLACE, THEY SHOULD HAVE ADEQUATE STRUCTURAL STRENGTH AND A WIDTH AT LEAST EQUAL TO THE WIDTH OF THE TRAVELED WAY PLUS 2 FEET CLEARANCE ON EACH SIDE. BRIDGES SHOULD BE CONSIDERED FOR ULTIMATE WIDENING OR REPLACEMENT IF THEY DO NOT PROVIDE AT LEAST HS-20 LOADINGS. AS AN INTERIM MEASURE, NARROW BRIDGES SHOULD BE CONSIDERED FOR SPECIAL NARROW BRIDGE TREATMENTS SUCH AS SIGNING AND PAVEMENT MARKING. FOR ADDITIONAL URBAN DESIGN GUIDANCE AND CRITERIA, SEE PAGES 473-506. |
| A SEE STANDARD DRAWINGS RD01-S-11 AND RD01-S-11B FOR FILL AND CUT SLOPE TABLES, ROUNDING ON TOP OF CUT SLOPES AND TOE OF FILL SLOPES, AND SPECIAL ROCK CUT TREATMENT. | |
| 5 SEE STANDARD DRAWING RD01-S-11A FOR ROUNDING OF ROADSIDE DITCH SLOPES. | |
| 6 THE SLOPES OF THE SHOULDER AND ROADWAY PAVEMENT SHALL NOT EXCEED AN ALGEBRAIC DIFFERENCE OF 0.07 FOOT PER FOOT. | |
| $\fbox{7}$ urban design speeds are generally in the range of 30 to 60 miles per hour (see page 474). | MINOR REVISION FHWA Approval not required. |
| 8 6:1 SLOPES ARE DESIRABLE. SLOPES RANGING BETWEEN 6:1 AND 4:1 MAY BE USED UNDER SPECIFIC ADVERSE CONDITIONS SUCH AS TO FACILITATE DRAINAGE OR TO ESTABLISH A LEFT TURN LANE. | STATE OF TENNESSEE Department of transporta |

DEPRESSED MEDIANS

10-15-02 RD01-TS-3A

- OR GREATER SIGHT DISTANCES WHERE SUCH IMPROVEMENTS CAN BE PROVIDED AS A PART OF AN ECONOMICAL DESIGN (SEE PAGE 69).