|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Design Element** | | | **Manual**  **Section** | Design Criteria |
| **Bridges** | New and Reconstructed Bridges | \*Structural Capacity |  | HL-93 |
| \*Clear Roadway Width | 13.5.1.1 | **(8)** |
| Existing Bridges to Remain in  Place | \*Structural Capacity |  | HS-20 |
| \*Clear Roadway Width | 13.5.1.1 | **(8)** |
| \*Vertical Clearance   (Arterial Under) **(9a)** | New/Replaced Overpassing Bridges **(9b)** | 12.6 | 17′ - 0″ |
| Existing Overpassing Bridges | 16′ - 0″ |
| Pedestrian Bridges | 18′ – 0″ |
| Overhead Signs | 17′ – 6″ |
| Clearance (Arterial Over) | \*Railroads | 12.6 | 23′ – 0″ |
| Underpass Width | 13.5.2 | Traveled Way Plus Clear Zone |

\*Controlling design criteria (see Section 9.2).

Design Criteria for Suburban/Urban Arterials (New Construction/Reconstruction)

Figure 21.3A

(Continued)