List of Major Revisions to Chapter 07

1. **Introduction**
   a. Added clarification to structures that are designed by Bridge Design, and those that are designed by Highway Design.

2. **General Procedure**
   a. No major changes.

3. **Safety**
   a. Changed heading to “Roadside Safety”
   b. Added berm construction considerations to objects outside the clear zone, that if hit, would become potential hazards in the travel way such as ITS camera poles.
   c. Added considerations for other roadside features such as retaining walls, sound abatement walls.

4. **Bridge Design**
   a. Added reverences to the NHDOT Bridge Design Manual.
   b. Added bullets and detail to “Establishing Bridge Criteria”.
   c. Added bullets and detail to “Initial Bridge Plan Coordination”.
   d. Added bullets and detail to “Final Bridge Plan Coordination”.

5. **Retaining Walls**
   a. Added considerations for the layout and design of retaining walls.
   b. Added several wall types.

6. **Sound Barriers and Berms**
   a. New section.

7. **Sign, Light, and Signal Supports**
   a. Added ITS information.

8. **Reinforced Soil Slopes**
   a. New section.

9. **Pavement Structure**
   a. Changed heading to “Roadway Pavement Structure”.
   b. Added several treatment type discussions.
   c. Added preventative preservation/maintenance discussion.
   d. Added discussion on the pavement report and what it should contain.

10. **References**
    a. New section.

11. **Appendix**
    a. No Appendices were added.
    b. Appendix 7-01
       i. Added new materials under the Soil Support Values Table, including reclaimed stabilized base.
       ii. Added an Excel version of the SN calculation in addition to the nomograph solution with “Trial” examples.