### General Notes

1. All construction and material requirements shall be in accordance with the 2019 ODOT Standard Specifications.
2. Safety edge shall be constructed in union with the asphalt concrete pavement.
3. The safety edge, as shown, can be applied to new construction and to overlays of at least 2 inches.
4. Installation of safety edge is not required on shoulders of width 4 feet or less.
5. All safety edges must meet the approval of the engineer. The engineer may require proof that the system and materials used on previous projects are acceptable. Before any system is used, the engineer may require a test section to be constructed prior to the beginning of work to demonstrate that the edge shape and compaction is to the satisfaction of the engineer.
6. Prior to paving safety edge, grade and area 1 foot wide between edge of pavement should be provided to act as a linear sand box to control of vegetation.

### Typical Section View of an Asphalt Pavement Safety Edge

- See typical section for dimensions and slopes.

### Safety Edge Details (A-C)

- **A (T≥6°)**
  - Edge of Shoulder
  - Shoulder Slope
  - Subgrade
  - X: Asphalt Pavement Width
  - Y: Shoulder Width

- **B (T ≤ 6°)**
  - Edge of Shoulder
  - Shoulder Slope
  - Subgrade

- **C (Overlay)**
  - Existing Backfill
  - Existing Pavement
  - Subgrade

**Variations**

- Varies between 2" and 5" with a maximum 5" height
- 30°/6° angle is measured from sloped edge of shoulder

**Standard Revisions**

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<th>Date</th>
<th>Description</th>
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<tr>
<td>5/27/20</td>
<td>ROADWAY DESIGN DIVISION STANDARD</td>
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<tr>
<td>5/27/20</td>
<td>ROADWAY ENGINEER:</td>
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<tr>
<td>5/27/20</td>
<td>APPROVED BY</td>
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<tr>
<td>5/27/20</td>
<td>DATE:</td>
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### Table: X - Asphalt Pavement Safety Edge Width

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<th>Y (shoulder width)</th>
<th>X (roadway width)</th>
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<tr>
<td>X (shoulder width)</td>
<td>X (roadway width)</td>
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**Diagram:**

- **Diagram A:** Detail A (T≥6°)
  - Edge of Shoulder
  - Shoulder Slope
  - Subgrade

- **Diagram B:** Detail B (T ≤ 6°)
  - Edge of Shoulder
  - Shoulder Slope
  - Subgrade

- **Diagram C:** Detail C (Overlay)
  - Existing Backfill
  - Existing Pavement
  - Subgrade