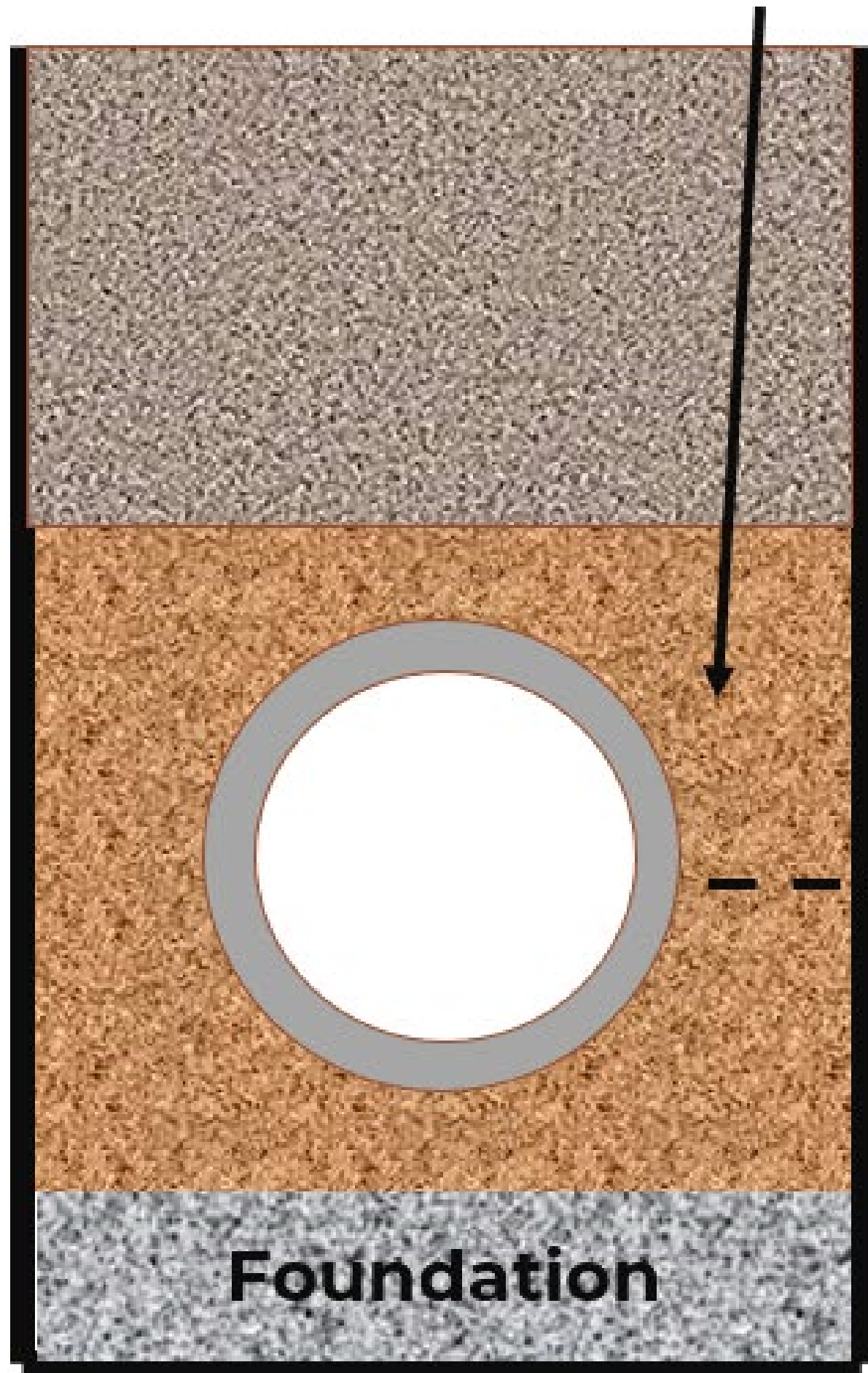
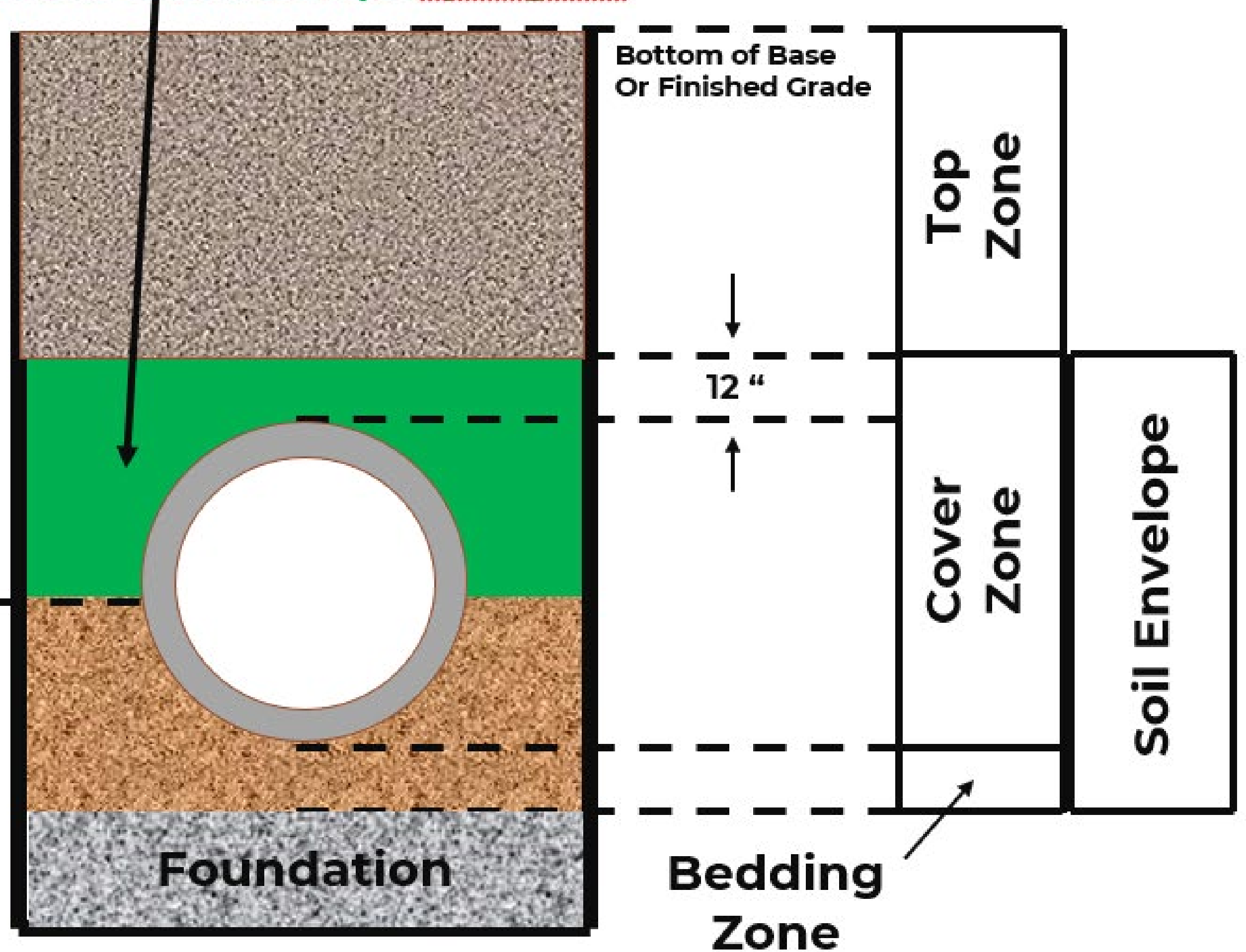


# THICK LIFTS: IMPROVE SAFETY, EFFICIENCY

**Current FDOT Sec. 125**  
w/ Soil Envelope Compacted to  
95% Std. Proctor in 6-Inch Lifts



**Proposed**  
w/ Soil Envelope Compacted to  
95% Std. Proctor with **12-Inch Lifts**  
**Above Concrete Pipe Springline**



## THICK LIFTS ABOVE CONCRETE PIPE SPRINGLINE

- SAFETY:** REDUCES TIME IN THE TRENCH BY ~20%
- COSTS:** LESS LABOR COST OF ENTIRE PIPE CREW
- SCHEDULE:** EXPEDITES BACKFILL PROCESS
- CONSIDERATIONS:**
  - MOST ACCIDENTS IN TRENCHES OCCUR AT 5 – 15 FT. DEEP
  - 1 YD<sup>3</sup> SOIL ≈ 3,000 LBS
  - PIPE EMBEDMENT/LABOR CAN BE ~40% TOTAL INSTALLATION COST
  - ONLY RCP'S AASHTO, ASTM, AND INDUSTRY STANDARDS SUPPORT THICK LIFTS ABOVE SPRINGLINE