

PHD Review Checklist

- Check for **layers in the wrong order** (upside down)
- Check for **missing lanes**
- Lane 1** should be a **mainline lane** (right-most through lane)
- Lane numbers less than 1** (0, -1 etc.) should **not be a mainline lane**
- Look for **under/over segmentation** (check if sub-segments are or are not needed)
- Verify** project **PR numbers and milepoints**
- Look for **information input in the wrong direction**
- Check for **missing segments**
Example: PR for ramp work not included
- Check **surface type** for lanes and shoulders; (surface type takes into account the entire paved cross-section)
- Check the **number of lanes** and **lane type** for each
- Look for **layers** that have been **repeated that don't need to be**
- Check that **existing layers have not been entered**; (repairs and pre-overlay work are OK)
- Check **lane** and **shoulder widths**
- Check **layer thicknesses**
- Check **layer attributes**
- Look for **missing layer attributes** that have information available to be entered
Example: HMA binder is missing but is typically readily available
- Check for **incorrect layer types**
Example: 'Overband Crack Fill Stand Alone' vs 'HMA Crack Treatment'
- Check that **all aggregates** from a mix design have all been entered
- Make sure **mix/aggregate type** makes sense
- Check that **shoulder/curb and gutter** work was **entered**
- Check that changes were made when **copying** is used (or possible copy errors)