

## Surface Preparation and Selecting Surface Course Checklist

As part of the FDR process, there are steps that must be taken when placing the final surface on a pavement.

Below is a checklist to help with surface preparation and selecting surface course.

Note that some specifications described in the following content may not be the same as the specifications followed by your agency. Always check with your State agency's standards and specifications when using these guidelines.

### Sections

- **Surface Preparation**
- **Surface Course Factors**
- **Surface Course Types**
- **Placing the Wearing Surface**

### Surface Preparation

- In preparation for surfacing, the reclaimed mixture should be swept with a power broom to remove all loose material**
- Apply tack coat prior to placing wearing surface on compacted, cured FDR layer in accordance with project specifications**
- Typical tack coat materials are CSS-1h or SS-1h diluted 50% with water**
- Application rate depends on surface conditions**

### Surface Course Factors

- The type of surface course depends on:**
  - Traffic
  - Structural requirements
  - Climate

- Stabilizing agent
- Additives
- Economics

### Surface Course Types

- Types of surface courses include:**
  - Chip seals
  - Slurry seals
  - Micro surfacing
  - Thick and thin asphalt overlays

### Placing the Wearing Surface

- Final surfacing can be placed any time after intermediate curing or micro cracking, as long as the FDR is sufficiently stable (proof rolled) to support the required construction equipment without marring or permanent distortion of the surface**
- Heavy truck traffic is typically kept off stabilized mixtures until intermediate curing is complete**
- Light traffic is allowed**
- The wearing surface can typically be placed when proof rolling shows little to no deflection of the surface**